



BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED

(A Government of India Enterprise under Ministry of Information & Broadcasting) (A Mini Ratna Company)

Head Office: BECIL, 14-B, Ring Road, Indraprastha Estate, New Delhi – 110 002

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Corporate Office: BECIL Bhawan, C-56/A-17, Sector-62, Noida-201 307

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ADVERTISEMENT NO. 59

Applications are invited for recruitment/ empanelment of following manpower purely on contract basis for deployment in Government offices in New Delhi through an authorized agency of BECIL:

| S/N | Post | Requirement | Qualifications & Experience |
|-----|--|----------------------------|-----------------------------|
| 1. | Cyber Crime Threat Intelligence Analyst | 01 (for Hyderabad) | Annexure-I |
| 2. | Cyber Crime Investigator(s)/ Cyber Crime Investigation Researcher(s) | 01 (For Delhi) | |
| 3. | Software Developer(s)/ Software Programmer(s) | 03 (For Delhi) | |
| 4. | Legal Assistant | 01 (for Delhi) | |

Only shortlisted CVs will be invited for interviews. Interviews will be held in Delhi. The interview may include skill test on the IT Tools. Interviews may be conducted in two steps, if necessary. Online interviews may be conducted if required.

- Selection will be made as per the prescribed norms and requirement of the job.
- No TA/DA will be paid for attending the test/ written exam/ interview/ joining the duty on selection.
- Application must be submitted **ONLINE** only for the above post.
- For applying please visit the BECIL website www.becil.com. Go the 'Careers Section' and then click 'Registration Form (Online)'. Please read 'How to Apply' carefully before proceeding to register and online payment of fee. **The instruction (How to Apply) for filling up the ONLINE Application/ Registration is attached below for reference.**
- Candidates are advised to view the BECIL website regularly after submitting their application successfully for any notification/ updates.
- Candidates must review their application forms carefully before final submission, BECIL will not accept any request for changes to be made in the information submitted by the candidates wrongfully.

In case of any doubt/help please email as below:

For technical problem faced while applying ONLINE : khuswindsingh@becil.com

For queries other than technical : cyberjobs@becil.com

Last date for submission of application forms is 31st May, 2021.

Sd/-
W. B. Prasad
General Manager

BECIL REGISTRATION PORTAL

HOW TO APPLY:

1. Candidates are required to apply online through website www.becil.com or <https://becilregistration.com> only. No other means/mode of application will be accepted. (**Before applying for registration candidates are advised to have their Photo, Signature, Birth Certificate/10th Certificate, Caste Certificate scanned images for upload the file size should be not more than 100kb.**) If you want to apply for more than one post against the same advertisement, you need to register once only. The fee chargeable will vary according to the number of posts applied for.
2. Candidates are required to have a valid personal e-mail ID. In case a candidate does not have a valid personal e-mail ID, he/she should create his/her new E-mail ID before applying online
3. Candidates are required to go to the website of BECIL i.e. www.becil.com or <https://becilregistration.com> and click on the link "Career".
4. Candidates are required to follow below process for registration.
5. Registration to be completed in 7 steps:
 - **Step 1: Select Advertisement Number**
 - **Step 2: Enter Basic Details**
 - **Step 3: Enter Education Details/Work Experience**
 - **Step 4: Upload scanned Photo, Signature, Birth Certificate/ 10th Certificate, Caste Certificate**
 - **Step 5: Application Preview or Modify**
 - **Step 6: Payment Online Mode (via credit card, Debit card, net banking, UPI etc.)**
 - **Step 7: Email your scanned documents to the Email Id mentioned in the last page of application form.**
6. Candidates will have to upload scanned copy of passport color photo, signature scan copy, size of these scanned copies should be within 100 kb and in jpg/.pdf files only.
7. Only online payment of registration & application processing fees (non-refundable) is applicable. **There will not be any other mode of payment of registration & application processing fee. Demand Drafts, Cheques, Money Orders, Postal Orders, Pay Orders, Banker's Cheque, postal stamps etc., will not be accepted, towards registration & application processing fee.**

Category-wise registration & application processing is given below:

- General - Rs.750/- (Rs. 500/- extra for every additional post applied)
- OBC - Rs.750/-(Rs. 500/- extra for every additional post applied)
- SC/ST - Rs.450/-(Rs. 300/- extra for every additional post applied)
- Ex-Serviceman - Rs.750/-(Rs. 500/- extra for every additional post applied)
- Women - Rs.750/-(Rs. 500/- extra for every additional post applied)
- EWS/PH - Rs.450/-(Rs. 300/- extra for every additional post applied)

Note: the GST and Bank charges will be borne by the candidates.

8. BECIL will not be responsible for any network problems in submission of online application.
9. Candidates are advised to fill the post judiciously as per the advertisement released by BECIL.
10. Candidates are requested to enter the details in the online application format carefully. Before final submission of application, there will be a preview available to the candidates in case of modification required. After submission of the application, no modification will be permitted and fees once paid will not be refunded.

****Candidates are advised to apply through above mentioned website only, candidates will be solely responsible for submitting their through any other website. The candidates are requested to check their email & messages regularly. BECIL will inform the selected candidates through email & sms. BECIL will not be responsible for any delay on candidate's part. ****

1. Job Description for Cybercrime Threat Intelligence Analyst

| Total years of experience | Relevant years of experience | Number of position/s | Indicative monthly Professional fee (INR) |
|---------------------------|------------------------------|----------------------|---|
| 5+ years | More than 3 years | 01 | Rs.1,40,000/- per month |

Key responsibilities and required skill sets

- Detect emerging Cybercrime threats based upon analysis, data feeds crime reporting and sources (internal & external intelligence sources). Working within the team and the wider Information Security group to build new tools for intelligence gathering.
- Building and maintaining senior management dashboards to provide a clear understanding of team activities and threat landscape.
- Using data from social media, open sources, search engines, public records, and the deep web to compile detailed reports on cybercrime, criminals and criminal infrastructure
- Review unlawful and suspicious content in open source and escalate violations to the appropriate govt. department
- Collect, organize, analyse and develop reliable actionable intelligence about cybercrime, criminals, criminal infrastructure from open sources
- Must have advanced understanding of how to use open-source including social media for intelligence.
- Proven ability to work both independently and as a team and present/develop ideas
- Ability to work effectively with technical and non-technical stakeholders.
- Ability to communicate (verbal and written) with stakeholders in non-technical terms.
- Experience with multiple social media platforms.
- Active Cyber Threat Hunting & provide recommendations to optimize cyber security based on threat hunting discoveries.
- Analyse and correlate incident data to develop a Perform Root cause analysis and suggest corrective actions and preventive actions.
- Identify and suggest appropriate infrastructure with suitable mitigation strategies for cyber crime
- Evaluate target systems to analyse results of scans, identify and recommend resolutions
- Producing periodic Cybercrime threat analysis reports with mitigation measures
- Scripting and programming skills with proficiency in one or more of the following; PowerShell, Pearl, Python, Javascript.
- Knowledge of computer and network forensics investigations, malware analysis.
- Knowledge of cryptographic protocols.
- Experience with security assessment tools, including Nmap, Nessus, Wireshark, Metasploit, Nexpose etc.
- Experience in other areas such as data loss protection, threat assessment, hunting and intelligence, access management, knowledge of VAPT

Essential qualification

- B.E/ B.Tech / Computer Science/ Electronics and communication; or
- Engineering Graduate / M.Tech ; or / MCA or any other post graduate degree in the area of IT/ Computer Science/ Electronics and Telecommunication
- Understanding of network protocols, data on the wire, covert channels, ciphers and shell scripting

Desired certification/s

- Industry certification like CISSP / CISM / CEH / OSCP / or any other equivalent certification
- Experience in working with Law Enforcement agencies in India or Abroad is desirable

2. Job Description for Cyber Crime Investigator/ Cyber Crime Investigation Researcher:

| Total years of experience | Relevant years of experience | Number of position/s | Indicative monthly Professional fee (INR) |
|---------------------------|------------------------------|----------------------|---|
| 5+ years | 5 Years | 01 | Rs.1,00,000/- per month |

Key responsibilities and required skill sets

- In depth experience with industry standard cyber security/digital forensic methodologies, including SOC/SIEM/PENTEST/VAPT/BUG-HUNTING/SECURITY AUDIT or Digital Evidence Handling, Chain of Custody procedures, and commonly used Digital Forensic Life Cycle.
- Excellent knowledge of digital hardware, computer programming, cyber security practices, experience in different file systems, database's & operating systems artefacts.
- Ability to work under limited supervision, work with different investigation teams to aid in investigation and to plan and execute forensic support for both simple and complex investigations.
- Knowledge of computer science and laws related to computer evidence recovery as well as procedures for the collection, preservation and presentation of computer evidence.
- Examine artefacts related to cryptographic and various crypto storage applications or services.
- In-depth knowledge of investigations in encryption concepts, chain of dependencies etc. Perform analytics on crypto products like crypto-currencies using available tools as well as through developing bespoke tools.
- Monitor open source content including social media platforms and other web space to identify and report any cybercrime/ anti-national/ dangerous/ undesirable activities.
- Using data from social media, open sources, search engines, public records, and the deep web to compile detailed reports on cybercrime, criminals and criminal infrastructure
- Review unlawful and suspicious content in open source and escalate violations to the appropriate govt. department
- Responsible for co-ordinating with the social media platforms and other online platforms
- Collect, organize, analyse and develop reliable actionable intelligence about cybercrime, criminals, criminal infrastructure from open sources
- Information Security certification are a strong plus
- Must have advanced understanding of how to use open-source including social media for intelligence.
- Must have strong communication skills (verbal, written)
- Proven ability to work both independently and as a team and present/develop ideas
- Ability to work effectively with technical and non-technical business owners.
- Ability to communicate (verbal and written) with stakeholders in non-technical terms.
- Ability to clearly document and communicate findings, opinions, and recommendations to both technical and non-technical audiences.
- Ability to draft SoP's/ RFP/ Advisory Manuals/ Reports pertaining to cybercrime investigation & digital forensics.
- Ability to assist in in-house projects pertaining to Digital Forensic/ Cyber Crime investigation tools & capabilities development.

Experience:

- 5+ years of experience in Cyber Crime Investigation/Research or in the field of Cyber Security/ Digital Forensics/ Cyber Crime Investigation

Educational Qualifications:

- Bachelor in IT/Computer Science/Electronics and Telecommunication; or Engineering Graduate/ M.Tech; or BCA /MCA or any other post graduate degree in the area of IT/ Computer Science/Electronics and Telecommunication.

Desired Industry certifications like CEH, CHFI, OSCP, GCFA, GCIH, GIAC, ENCE CFE, orequivalent certification related to cyber security/forensics domain

- Industry certifications related to OSINT/ social media analytics/Cyber Defence/Information Assurance/Experience of working with open source social media based investigations.

3. Job Description for Software Developer/ Software Programmer:

| Total years of experience | Relevant years of experience | Number of position/s | Indicative monthly Professional fee (INR) |
|----------------------------------|-------------------------------------|-----------------------------|--|
| 5+ years | 5 years | 03 | Rs.1,00,000/- per month |

Key responsibilities:

- Design and development of Software/Applications.
- Possesses high level understanding in the areas of web application programming, mobile application development, content management systems, API, database and system design.
- Must have strong understanding of software engineering practices and have analytical ability along with quality approach to the software design and development.
- Excellent debugging and problem-solving skills.
- Ability to work independently as well as in teams with members.
- Ability to assist in in-house projects pertaining to Digital Forensic/ Cyber Crime investigation/Cyber Security tools & capabilities development
- Ability to draft SoP's/ RFP/ Advisory Manuals/Reports pertaining to cyber security, cyber crime investigation & digital forensics.

Technical Skill Sets:

- Knowledge of HTML, CSS, JavaScript, JQuery, Ajax, PHP
- Web technologies like .NET / J2EE etc.
- Databases like SQL Server / Oracle / Postgre SQL etc.
- Programming languages like VB / C# / JAVA / Python/ C++ etc

Experience:

- Minimum 5 years of post-qualification experience in Software Development.

Educational Qualification:

- Bachelor's degree in Engineering in Electronics & Communication/ Electronics & Instrumentation / Computer / Computer Science / Computer Science & Engineering/ Electrical & Electronics/ Electrical / Information Technology/ Information Science only

4. Job Description for Legal Assistant

| Total years of experience | Relevant years of experience | Number of position/s | Indicative monthly Professional fee (INR) |
|---------------------------|------------------------------|----------------------|---|
| 5+ years | More than 2 years | 01 | Rs.52,500/- per month |

Key responsibilities

- Assisting and co-ordinate with various officials where legal opinion is required in the scheme;
- In- depth knowledge of Civil and Criminal Law, Information Technology (Amendment) Act, 2008, Rules, Guidelines etc.,
- Should be familiar with important judgments related to information technology
- Should be familiar with basics of computer applications like (Emails, Word, Excel, PowerPoint etc.)
- Preparing legal briefs, formulating strategies, advising on various legal matters required in the scheme
- Takes responsibility and ownership for decisions, actions and results
- Respond to any legal queries and validate responses drafted by all the stakeholders of the scheme.
- Constantly examine & review legal and strategic framework
- Responsible for maintaining complete records for all the documentation(s)

Required skill set

- Strong written and verbal communication skills
- Time management skills to plan, organize tasks, set priorities for responsibilities, multi-tasking skills, attention to details, utilization of organizational skills, ability to work independently as well as a team member
- Ability to maintain confidentiality
- Support all the stakeholders of the scheme in legal research activity
- Self-driven / self-motivated, result-driven, planning and strong follow-up skills, down-to-earth approach in getting things done, willingness to work extra hours as per Essential need, passionate to work

Essential qualifications

- Graduation in LLB /LLM

Desired qualifications

- PG Diploma in cyber law