



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-110002 **Phone:** 011-23378823 **Fax:** 011-23379885

Corporate Office: BECIL Bhawan, C-56/A-17, Sector-62, Noida-201307 **Phone:** 0120-4177850, **Fax:** 0120-4177879

Website: www.becil.com

VACANCY NOTICE

Applications are invited for empanelment of Temporary staff purely on contract basis for deployment in the office of Bureau of Police Research & Development under Ministry of Home Affairs, NH-8, Mahipalpur, New Delhi – 110037 initially for a period of 9 (nine) months which may likely to be extended for further period as per requirement.

S. No.	Post	Requirement	Emolument
1	Administrative Assistant	01	*Rs.37500/- per month
2	Data Analyst	01	*Rs.1,37,500/- per month
3	Cyber Crime Threat Intelligence Professionals	02	*Rs.1,40,000/- per month
4	Business/ Research Analyst	06	*Rs.1,37,500/- per month
5	Solution Architect	02	*Rs.1,40,000/- per month
6	Programme Manager	02	*Rs.1,50,000/- per month
7	Legal Assistant	01	*Rs.52,500/- per month

* Negotiable, by Selection Committee.

Selection will be made as per prescribed norms and requirement of the job. No TA/DA will be paid for attending the test/interview or joining the duty on selection.

Application forms may be obtained from **Corporate Office: C-56, A/17, Sector-62, Noida - 201307** or **downloaded** from www.becil.com. The duly filled in application form along with self-attested photocopies of educational/ experience certificates, two passport size photograph, PAN Card, Aadhar Card and **non-refundable registration fee of Rs.500/- (Rupees Five Hundred Only) for General and OBC candidates and Rs.250/- (Rupees Two Hundred Fifty only) for SC/ST/PH candidates** by cash (to be deposited at the reception of the Corporate Office) or demand draft drawn in favor of **BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED** payable at **New Delhi** may be submitted to Deputy General Manager (HR) in **BECIL's Corporate Office at BECIL Bhawan, C-56/A-17, Sector-62, Noida-201307 (U.P.)**.

Last date for submission of application is 05 July, 2019.

Sd/-
Mahesh Chand
Deputy General Manager (HR)

Job Description for Administrative Assistant

Description	Total years of experience	Relevant years of experience	Number of position/s	Indicative monthly Professional fee (INR)
Level 1	5+ years	More than 3 years	1	*Rs.37,500/-

* Negotiable by the Selection Committee.

Key responsibilities and required skillset

- Must possess ample knowledge about Govt. processes and exposure to Govt. procurement process is essential
- Having in depth knowledge about GFR
- Good Communication skills (writing & verbal)
- The ideal candidate must possess strong analytics skills and critical thinking skills
- Ability to work with large amounts of data, facts, figures, and analyse it to produce required insights
- Having sufficient knowledge about the hardware, software & networking of IT Infrastructure
- Must be adept in MS office-Word, Excel, Power point etc.
- Exposure to cyber security and cyber-crime related tools
- Good Writing & Documentation Skills

Essential qualification/s

- BE/B.Tech in Computer Science/ Electronics and communication; or
- BCA / MCA or any other post graduate degree in the area of IT/ Computer Science/ Electronics and Telecommunication

Job Description for Data Analysts

Description	Total years of experience	Relevant years of experience	Number of position/s	Indicative monthly Professional fee (INR)
Level 1	5+ years	More than 3 years	1	*Rs.1,37,500/-per month

* Negotiable by the Selection Committee.

Key responsibilities and required skillset

- The ideal candidate must possess strong analytics skills and critical thinking skills
- Ability to work with large amounts of data/ Big Data, facts, figures, and analyse for insights
- In-depth knowledge and understanding of data, structure, data mining and analytical tools
- Ability to work with law enforcement officials, industry experts and other stakeholders for developing actionable information on cybercrime
- Ability to utilize available information to anticipate vulnerabilities , risks and cyber-threats/ attacks, and make informed prediction for staying ahead of cyber threats
- Experience with scripting and development skills in Python/Pearl with deep comprehension of regular expressions
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- Big Data Analysis experience using open source and commercially popular tools like MongoDB, SAS, Hadoop, Cloudera etc
- Knowledge of general networking and security knowledge in areas such as Firewalls, TCP/UDP, Routing/Switching, DNS, NAT, Packet Tracing and Analysis, etc.

Essential qualification/s

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

Desired certification/s

- Industry Certifications in the area of Data Analysis like Cloudera Certified Administrator for apache Hadoop (CCA), Cloudera certified Professional: Data Scientist (CCP:DS), EMC data scientist associate (EMCDSA), Certified Analytics Professional (CAP), IBM Certified Data Architect/ Engineer, MongoDB certified DBA associate, Post graduate Diploma/ Program in Big Data Analytics or any other equivalent certifications

Job Description for Cybercrime threat intelligence professionals

Description	Total years of experience	Relevant years of experience	Number of position/s	Indicative monthly Professional fee (INR)
Level 1	5+ years	More than 3 years	2	*Rs.1,40,000/- per month

* Negotiable by the Selection Committee.

Key responsibilities and required skillsets

- 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

Job Description for Business/Research Analyst

Description	Total years of experience	Relevant years of experience	Number of position/s	Indicative monthly Professional fee (INR)
Level 1	5+ years	More than 3 years	6	*Rs.1,37,500/- per month

* Negotiable by the Selection Committee.

Key responsibilities and required skillsets

- Work with Law Enforcement Agencies (LEAs) to help in establishing investigation units
- Standardization of equipment requirement of investigation units at various levels
- Prepare and publish investigation progress status on MIS dashboard
- Follow up with LEAs on status update
- Periodically meetings with stakeholders to understand the suggestions/ observation to improve the investigation outcomes
- Experience in resolving cross-functional issues
- Research & research problems identified by LEAs
- In depth knowledge on ITIL modules.
- Validation of Researches
- Framing of Research methodologies
- Undertake research work in the area of his/her expertise
- Arranging workshop/symposium/conferences on emerging topics related to cyber security
- Deep analysis on the outcomes of research works
- Assistance to LEAs in effective implementation of Research's
- Technical support to LEAs for acquisition of hardware & software.
- Strong communication skills

Essential qualification

- 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 certification/s

- Industry certifications like MCTS / ITIL or other equivalent Globally recognized certification

Job Description for Solution Architect

Description	Total years of experience	Relevant years of experience	Number of position/s	Indicative monthly Professional fee (INR)
Level 1	5+ years	More than 3 years	2	*Rs.1,40,000/- per month

* Negotiable by the Selection Committee.

Key responsibilities and required skillsets

- Design and develop highly scalable applications on Java platform, API's/ back-end using open source technologies.
- Responsible for architecture & designs for new solutions around existing and new problem spaces.
- Participate in system design specification sessions to document technical specifications and to provide design options and solutions
- Responsible for quality code reviews, design reviews & architecture level decision making.
- Collaborate with the development team to ensure that the architectural solution is suitably translated into effective and robust implementation
- Should be able to drive JAD[Joint Application Development] sessions
- Provide technical direction and guidance to others regarding approved processes, tools, technology and skills
- Strong understanding of the Core Java/ J2EE architecture
- Working experience with RDBMS like MySQL, Postgres or NOSQL databases
- Ability to think ahead and anticipate problems, issues and solutions
- Experience in distributed and micro service component development
- Excellent communication skills, both written and verbal

Essential Qualification

- Bachelor's degree in Engineering in IT/Computer Science/ Electronics and Telecommunication; or
- BCA / MCA or any other post graduate degree in the area of IT/ Computer Science/ Electronics and Telecommunication

Desired certification/s

- Industry certifications like MCTS / ITIL or other Globally recognized equivalent certification

Job Description for Programme Manager

Description	Total years of experience	Relevant years of experience	Number of position/s	Indicative monthly Professional fee (INR)
Level 2	5+ years	More than 5 years	2	*Rs.1,50,000/- per month

* Negotiable by the Selection Committee.

Key responsibilities

- Coordination with various Stakeholders in Academia, Private Sector & Inter-governmental organization
- Track emerging technological developments, proactively predict potential vulnerabilities which can be explored by Cyber criminals
- Carryout the need analysis of LEAs
- Identification of institutes/organizations for undertaking the research work and preparation of complete proposals accordingly.
- Periodic meeting with Stakeholders
- Leverage the strength and expertise of various entities in the field of cyber security
- Examine & review legal and strategic framework
- Impact Assessment of Researches
- Ensuring legal framework of Researches
- Monitoring of Budgets
- Formulate, organize and monitor inter-connected projects
- Decide on suitable strategies and objectives
- Coordinate cross-project activities
- Develop Baselines and monitor & control adherence. Control Variances for various activities
- Define and Ensure compliance to change, risk and resource management procedures
- Overall accountability for effective Program & Stakeholder management.
- Extensive experience of cyberspace and investigation
- Resolve projects' higher scope issues
- Prepare reports for director

Required skillsets

- Excellent knowledge of performance evaluation and change management principles
- Outstanding leadership and organizational skills
- Excellent communication skills
- Excellent problem-solving ability

Essential qualification

- 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 certification/s

- Industry certifications like ITIL / PMP / Prince2 or other equivalent certification

Job Description for Legal Assistant

Description	Total years of experience	Relevant years of experience	Number of position/s	Indicative monthly Professional fee (INR)
Level 1	5+ years	More than 2 years	1	*Rs.52,500/- per month

* Negotiable by the Selection Committee.

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 laws.