

	Job Description
Position	Assistant Programmer (Mobile Security)
Department	Home Dept (Special Branch)
Place	Bhopal
Job Type	Contractual 1 years. Extendable basis performance.

Job Objective:

To prepare applications used for mobile security and offensive security and be hands-on with evasive techniques.

Roles & Responsibilities:

1. Provide investigative support by organizing and analysing computerized information in computerized crime investigations. Perform evasive actions when needed to gather evidences and information.
2. Use computer analytical tools and use exploitation tools / techniques to prepare reports, document evidence, and search submitted computer(s) / digital devices(s) for files that may be relevant to a criminal case or criminal charges.
3. Provide input and assist with the development of tools / techniques / application to perform evidence evaluation, analysis and data collection.
4. Assist in the development, configuration and installation on new equipment / tools/ applications for evidence / data capturing.
5. Stay up to date with the latest technologies.

Must have skills:

- Strong Experience of ARM64 instruction set.
- Experience in Reverse engineering iOS and Android binaries.
- Experience in bypassing anti-debugging and obfuscation techniques.
- Good Experience of android file system.
- Familiar with Tactics, Techniques and Procedures (TTPs) utilized by cyber threat actors / adversaries.
- Able to perform online research, exploit writing, OSINT or computer/database querying when needed
- Identifying procedures and techniques to create invasive mobile applications.
- Work closely with cross-functional partners and external experts to stay up-to-date on current security research, trends, techniques and patterns related to exploitation of mobile applications.
- Rely on data-driven assessments of potential security threats to develop, launch, and train solutions that are customized for organizational needs.
- Experience with third-party libraries and APIs

Essential Criteria	Desirable Skills & Experience
<p>Education Details:</p> <p>Graduation Details – B.E/ B.Tech (Any) Or M.Sc/ M.Tech / M.E in Computer Science/IT/ MCA</p> <p>Experience:</p> <ul style="list-style-type: none"> • Minimum 4 years of relevant experience in Mobile application security. • Experience with latest 0 days and exploitation techniques. • Good experience with threat intelligence and understanding of various APT actors TTP's <p>Responsibilities:</p> <p>Any of the following.</p> <ol style="list-style-type: none"> 1. OSCP / OSWE / eMAPT / CISA / CHFI / CEH <p>Tools:</p> <ol style="list-style-type: none"> 1. Friday 2. Metasploit 3. MSFVenom 4. JADx / Dex2JAR 5. IDA Pro, Hopper 6. Network Monitors (like TCP View, Wireshark) 	<ul style="list-style-type: none"> • Knowledge of ARC GIS SDK, Open Layer, Google MAP API would be an added advantage • Experience with GIS Tech would be an added advantage