


Mohit Aphale

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Subject: Cover Letter

To whom it may concern

I am Mohit Aphale, working as Senior Security Specialist at Elektrobit Automotive, Bangalore. I have overall 7+ years of extensive experience handling varying security threats, performing security analysis of Automotive devices, Web and Thick Client applications and Infrastructure. I have experience of performing Threat Analysis and Risk Assessment on Embedded devices and Software. I am also familiar with have knowledge of security standards which are SAE J3061, ISO 21434, OWASP Top 10, NIST Security Standards, SANS Top 25 and WASC 2.0

My Areas of expertise are as follows:

Secure by Design:

Currently I am establishing cross departmental secure development, technical roadmaps and technology adoption oversight. Providing support to product teams charged with design and development of secure applications, systems and software for automotive controllers and supported infrastructure which includes Cloud Infra, Web Application. I have extensive experience in performing gap analysis on existing security process. As a part of process designing, I execute TARA, generate security concepts, security requirements and evaluate code using well-known standards like CWE, MISRA to find security bugs.

I also have good understanding of Cryptography Standards and Principals (PKCS RSA AES CMAC HMAC TLS DH/ECDH SHA), firmware analysis, JTAG, CAN Protocol, UDS, IoT security, SecOC, USB interface, Ethernet Interface, HW-root-of-trust, SHE module, Secure boot, Code Signing.

Tools and Languages:

I have working experience with Kali Linux, Nexpose, Coverity, Synopsys Defensics, HP WebInspect, Wireshark, Binwalk, Radar2, wFuzz, nmap, Ubertooth, Wifi-Pineapple, sqlmap and more... I like to automate and code in Python.

Security testing:

Penetration testing and Vulnerability assessment for Web Applications, Embedded Systems, Infrastructure, Thick Clients by following methodologies: OWASP Testing Guide, OSTMM, PTES, NIST, CWE. I have also successfully completed my OSCP certification

I am confident I will be an asset to your organization for those very reasons. I hope to help develop your existing team and be a positive role model for security compliance and identifying potential threats.

I've attached a copy of my resume that details my experience. I can be reached anytime via my cell phone, **+91-9632079903** or via email at **mohitaphale@gmail.com**. I look forward to speaking with you about this employment opportunity.

Regards

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