Mustansir Godhrawala *Security Focused Fullstack Engineer*

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OBJECTIVE

Aspiring Cybersecurity Intern with 2+ years of hands-on experience in security focused R&D and full stack engineering. Published 9 SCOPUS papers and holder of a granted patent in deepfake prevention. Seeking to leverage machine learning based defense, vulnerability assessment and threat modeling skills to protect organizational assets in a dynamic security team.

SECURITY-ORIENTED EXPERIENCE

Senior Research Fellow   10/2023 – 03/2024
Shah and Anchor Kutchhi Engineering College   Mumbai, India
- Mentored a granted project, funded via GoI (Government of India), worth 15 lakhs to protect against deepfake attacks.
- Led a team of junior research fellows to create, 9 research papers and 1 patent (granted).
- Launched a multi-modal deepfake prevention solution called TrustTrace.

Key Skills- Project Management, Research and Analysis, Machine Learning

CTF Design and Development Intern   01/2023 – 04/2023
Cyberpeace Foundation   Mumbai, India
- Designed 10+ CTF's for the Global CyberPeace Challenge event. CTF domains included web, malware, cryptography, buffer overflow, forensics

Cybersecurity Content Writer   01/2022 – 02/2022
Talakunchi Private Networks   Mumbai, India
Wrote internal training documents used to brief analysts on cyber security vulnerabilities and reports.

Cybersecurity Intern   09/2021 – 03/2022
Crime Free Bharat   Mumbai, India
Learned cyber security and basic penetration testing.

EDUCATION

M.Tech Cyber Security   Mumbai, India
National Forensic Sciences University
CGPA 7.6/10

B.Tech Cyber Security   Mumbai, India
Shah and Anchor Kutchhi Engineering College
CGPA 8.6/10

CYBER SECURITY TOOLS

Offensive Security — Nmap, Nessus, Burpsuite, Kali, Hping, Metasploit, Wireshark, Aircrack-ng, SQLMap, Beef • **Malware Analysis** — IDA Pro, Radare, Ghidra, Detect It Easy, Windows Malware Analysis Toolkit (Process Explorer, Process Monitor, Regmon, etc) • **Mobile Security** — Frida, MobSF, Drozer, ADB • **Defensive Security** — Snort, Suricata, OSSEC, Wazuh, Nagios, pfSense

SOFTWARE DEVELOPMENT EXPERIENCE

Tech Lead   10/2024 – Present
Engaze   Mumbai, India
https://engaze.in
As the Tech Lead at Engaze, I play a key role in product ideation and development. Not only do I write code, but I also document features, flows and how users interact with the defined features, alongside the product team.
Key Skills- Software Architecture, Team Management, Documentation

Director
CyferWall
https://cyferwall.com
At CyferWall, I'm trying to innovate and build cyber security products than can help other companies scale and integrate cyber security via CyferWall's SAAS offering
Key Skills- Product Design, Market Research, Product Lifecycle planning

04/2024 – Present
Mumbai, India

Full Stack Engineer
Dynavate Technologies

06/2023 – 11/2024
Mumbai, India

- As a software development agency, Dynavate helped brands like BoultAudio achieve it's dream of creating a solo wearable android app to compete with Chinese apps providing sketchy data privacy.
- Capable of connecting to multiple watch models, based on different chipsets and operating systems, it's a one of a kind app in the wearable ecosystem.
- App was built to scale to 10,00,000+ users, and provide a better user experience over that offered by the Chinese apps.

Full Stack Engineer
BeTimeFul
https://betimeful.com

04/2023 – 06/2023
Remote

- Launched BeTimeFul 3.0 mobile app for iOS and android within 3 weeks of joining.
- Handled development of the chrome extension, MacOS app, android and iOS apps.
- Built and integrated custom payment solutions to increase user retention & user acquisition.

Tech Lead
LinuxAdmin

08/2022 – 08/2023
Mumbai, India

- Engineered a remote-monitoring and management solution for Linux devices from the ground up. Built on completely free and open source software.
- Integrated Wazuh for security monitoring. Some features include Remote SSH, Parallel Control, 2x7 Monitoring

Backend Developer Intern
Dendrite.ai
https://dendrite.ai

07/2022 – 08/2022
Remote

- Worked as a backend development engineer focusing on systems such as task processing, Celery.
- Managed deployment infrastructure, dockerisation. Built and enhanced the authentication platform.

SKILLS

Frontend Development — Next.Js, React, Redux, Caching, Server Components, UI/UX, Accessibility, State Management, ShadCN, Flutter, App Development ● **Backend Development** — Caching, Serverless, API Writing, Documentation, CI/CD, Business Logic Design, Security, Database Design and Deployment, Linux, Server Management, Nginx, Django, Express.JS, Flask, FastAPI, Go ● **Leadership** — Mentoring, Task Allocation and Tracking, Sprint Planning, Recruitment and Interviewing, Product Architecture, Product Lifecycle Planning, Documentation and Market Research, Viability Analysis, Team Communication

ACHIEVEMENTS

SIH Runner Up 2022
Smart India Hackathon

Top 10 in Darkathon Hackathon
Narcotics Control Bureau Hackathon

KJSCE Hack 7.0 Winner
KJSCE Hack 7.0

CCTNS Technical Coordinator
National Crime Records Bureau