

Mustansir Godhrawala

Mumbai, IN | me@mustansirg.in | +91 937 273 9542 | [Portfolio](#) | [LinkedIn](#) | [Github](#)

Objective

Fullstack engineer and security researcher with 4 years shipping scalable products and 2 years fortifying them with ML powered defenses. Granted patent holder and author of 9 SCOPUS papers; spearheaded the INR 15,00,000 Government funded TrustTrace project from concept to deployment. Built and hardened SaaS, wearable (1 M + users), and Linux RMM platforms using Next.js, Django, Go, and cloud native tooling within a secure SDLC mindset. I translate threat models into clean, resilient code delivering features that work and withstand attack in equal measure.

Experience

Tech Lead, Engaze – Mumbai, India Oct 2024 – June 2025

- 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 – Mumbai, India Apr 2024 – June 2025

- At CyferWall, I'm trying to innovate and build cyber security products that can help other companies scale and integrate cyber security via CyferWall's SAAS offering
- **Key Skills:** Product Design, Market Research, Product Lifecycle planning

Senior Research Fellow, Shah and Anchor Kutchhi Engineering College – Mumbai, India Oct 2023 – Mar 2024

- 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

Full Stack Engineer, Dynavate Technologies – Mumbai, India Jun 2023 – Nov 2024

- As a software development agency, Dynavate helped brands like Boultaudio achieve its 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 – Remote Apr 2023 – Jun 2023

- 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

CTF Design and Development Intern, Cyberpeace Foundation – Mumbai, India Jan 2023 – Apr 2023

- Designed 10+ CTF's for the Global CyberPeace Challenge event. CTF domains included web, malware, cryptography, buffer overflow, forensics

Tech Lead, LinuxAdmin – Mumbai, India Aug 2022 – Aug 2023

- 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, 24x7 Monitoring

- Backend Developer Intern**, Dendrite.ai – Remote Jul 2022 – Aug 2022
- Worked as a backend development engineer focusing on systems such as task processing, Celery
 - Managed deployment infrastructure, dockerisation. Built and enhanced the authentication platform
- Cybersecurity Content Writer**, Talakunchi Private Networks – Mumbai, India Jan 2022 – Feb 2022
- Wrote internal training documents used to brief analysts on cyber security vulnerabilities and reports
- Cybersecurity Intern**, Crime Free Bharat – Mumbai, India Sep 2021 – Mar 2022
- Learned cyber security and basic penetration testing

Education

- National Forensic Sciences University**, M.Tech Cyber Security Mumbai, India
- CGPA: 7.6/10
- Shah and Anchor Kutchhi Engineering College**, B.Tech Cyber Security Mumbai, India
- CGPA: 8.6/10

Research Works

- Patent: A deep-fake detection system and method for detecting potential misinformation spread through manipulated content** 2024
- N. Jain, V. Kumar, B. Patel, S. Borade, *M. Godhrawala*, S. Kolaskar, Y. Nagare, P. Shah, J. Shah – Patent No. 18/2024, Filed: Apr 10, 2024
- ResNet50 DeepFake Detector: Unmasking Reality** 2024
- S. Borade, N. Jain, B. Patel, V. Kumar, *M. Godhrawala*, et al. – Indian Journal of Science and Technology, 2024
- Enhancing Audio Deepfake Detection using Support Vector Machines and Mel-Frequency Cepstral Coefficients** 2024
- N. Jain, S. Borade, B. Patel, V. Kumar, *M. Godhrawala*, et al. – Journal of Harbin Engineering University, 2024
- Harmonizing Algorithms: An Approach to Enhancing Audio Deepfake Detection** 2024
- S. Borade, N. Jain, B. Patel, V. Kumar, Y. Nagare, S. Kolaskar, J. Shah, P. Shah, *M. Godhrawala* – IJISAE, 2024
- Advancements in Video Deepfake Detection: Integration of ResNet50, EfficientNetB7, and EfficientNetAutoAtt B4 Models** 2024
- S. Borade, N. Jain, B. Patel, V. Kumar, *M. Godhrawala*, et al. – IJISAE, 2024
- Improving Deepfake Audio Detection: A Support Vector Machine Approach with Mel-Frequency Cepstral Coefficients** 2024
- S. Borade, N. Jain, B. Patel, V. Kumar, *M. Godhrawala*, et al. – IJISAE, 2024
- Deepfake Technology and Image Forensics: Advancements, Challenges, and Ethical Implications in Synthetic Media Detection** 2024
- N. Jain, S. Borade, B. Patel, V. Kumar, *M. Godhrawala*, et al. – IJISAE, 2024
- Detecting Deepfakes: Exploring Machine Learning Models for Audio, Video, and Image Analysis** 2024
- N. Jain, S. Borade, B. Patel, V. Kumar, *M. Godhrawala*, et al. – IJISAE, 2024
- Deepfake Detection Using EfficientNetB7: Efficacy, Efficiency, and Adaptability** 2024
- N. Jain, S. Borade, B. Patel, V. Kumar, *M. Godhrawala*, et al. – IJISAE, 2024
- Securing Visual Integrity: An EfficientNetB4-Based Solution with Attention Layers and Siamese Training for Face Manipulation Detection in Videos** 2024
- N. Jain, S. Borade, B. Patel, V. Kumar, *M. Godhrawala*, et al. – IJISAE, 2024

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

Security & Research: Penetration Testing, Vulnerability Assessment, Machine Learning, Deep Learning, Deepfake Detection, Audio/Video Analysis, Research Paper Writing, Patent Development

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

- **GDSC Volunteer** – DevFest, MumbaiHacks, 2024: Volunteered as a mentor for the Google Developer Student Clubs (GDSC)
- **Winner, 1st Place (30,000 prize)** – KJSCE Hack 7.0, 2023: Built a social-media application for recruiters and IT professionals
- **Technical Coordinator** – CCTNS 2023 Delhi (National Crime Records Bureau): Served as Technical Coordinator for the Crime and Criminal Tracking Network and Systems (CCTNS) hackathon
- **Top 10 in 10+ Hackathons** – CodeShastra, Lines of Code, SIH, etc., 2023: Placed in the top 10 across 10+ hackathons
- **Top 10 Darkathon** – Narcotics Control Bureau (NCB), 2022: Selected as a solo competitor in the top 10 teams nationwide to detect narcotics markets on the dark web
- **Top 1% Rank** – TryHackMe Platform: Achieved a top 1% rank on TryHackMe, completing the OSCP, Blue Team, and Red Team learning paths
- **CEH Tutor** – SAKEC, 2021: Delivered 10+ sessions on Cybersecurity and Ethical Hacking for students
- **IELTS Score: 8.0** – IELTS Exam, 2020: Scored an 8.0 on the IELTS exam, demonstrating native-level proficiency in English