

Monika Battula

[monika.Portfolio](#) | monikabattula28@gmail.com | 7013763722 | [linkedin/monika-battula](#) | [github/monika-battula](#)

Professional Experience

InternsUp Innovations

Bengaluru, India

Dec 2024 - Feb 2025

Business Development Associate(BDA)

- Conducted market research, increasing lead generation by 15%
- Developed and executed sales & marketing strategies, boosting revenue by 10%.
- Strengthened client relationships, achieving a 95% satisfaction rate.

NIT Calicut

Kozhikode, India

May 2024 - Jul 2024

Machine Learning & Drone Intern

- Designed advanced pest management algorithms, reducing pesticide use by 25%.
- Implemented real-time object detection & precision cutting, improving productivity by 30%.
- Tech Stack: Raspberry Pi, Intel RealSense, YOLO, DBSCAN, GMM, Simulink, Gazebo(RViz), RL.

Goldman Sachs

Bengaluru, India

May 2023 - Jul 2023

Software Engineering Intern, Network Security team

- Conducted IT security assessments, reducing vulnerabilities by 60%.
- Proposed security upgrades, reducing account compromise incidents significantly.
- Tech Stack: Python, Security Analytics, Network Security, SIEM Tools.

Technical Skills

Languages: Python, Java, C++, C, Bash, SQL, Javascript

Tools: AWS, Git, Web Application Firewall, gRPC, OSPF, BGP, EIGRP, MPLS, VLAN, TCP/IP, HTTP, LAN Technologies(Ethernet, STP, VTP), Active Directory, Operating System

Technologies: Cloud Computing, Object Oriented Programming, Threat Intelligence, Cybersecurity, SSL

Certifications: CCNA, JNCIA-Junos, Fortinet, Palo Alto Cybersecurity & Google Project Management

Education

Gayatri Vidya Parishad College of Engineering, Visakhapatnam

Sep 2022 - Mar 2025

Bachelor of Engineering, Information Technology(Honors in IT).

GPA 9.1/10.0

Relevant Coursework: Data Structures, Computer Networks, Machine Learning, Deep Learning, OS, NLP

Smart India Hackathon Winner, WeR4Help secretary , Technical Member at CSI

A.A.N.M & V.V.R.S.R Polytechnic, India.

May 2019 - Jul 2022

Diploma in Computer Science

GPA 9.7/10.0

Academic Projects

Smart DDoS Defender(Python, React, Node.js, Flask, AWS Shield, Cloudflare)

Oct 2024 - Jan 2025

- Engineered a Cloud-based solution for real-time DDoS detection & mitigation.
- Tech Stack: Cloud infra, Python with TensorFlow(ML), WAF(Mitigation Tools), AWS Lambda.

Software For Video Dubbing(Python, Flask, Whisper, IndicTrans2, gTTs)

Dec 2023 - Mar 2024

- Built a web application for dubbing videos from English to various Indian regional Languages. [Github](#)
- Automated **speech-to-text** and **text-to-speech** processing using Whisper and IndicTrans2.
- Integrated **speaker gender and tone detection** for enhanced voice synthesis and accuracy.

Book-My-Show(React.js, TailwindCSS, TMDB API, Axios)

Dec 2023 - Mar 2024

- Designed an interactive **movie discovery platform** with real-time data retrieval. [Github](#)
- Optimized API calls using Axios for faster content delivery and seamless user experience.

Awards and Achievements

- **SIH Hackathon Winner** – Competed in 6+ Hackathons.
- **Table Tennis District** – Level 2nd Place.

Dec 2023

Jan 2024

Publications

- Published **research on network security & password protection** in IJRTI , IEEE.
- Published **disease detection in apples using ML** in IEEE.

Jan 2025

Oct 2023