Balla Saradhi

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Objective

Detail-oriented B.Tech student (ECS, 2026) passionate about cybersecurity and AI, with hands-on experience in backend development, ML workflows, and secure systems. Seeking opportunities in software engineering, AI/ML, or cybersecurity domains to build secure, scalable, and intelligent systems.

Education

Koneru Lakshmaiah University, Vijayawada, India — **Aug 2022 – Apr 2026**
B.Tech in Electronics and Computer Science — CGPA: **7.7/10**

Technical Skills

Languages: Java, C, JavaScript, Python
Web Technologies: HTML, CSS, Node.js
Tools & Platforms: Git, Postman, VS Code, Spring Boot, Wireshark, Burp Suite
Databases: MySQL, MongoDB
Concepts: OOP, Data Structures, Algorithms, REST APIs, Machine Learning, Cybersecurity Basics

Core Competencies

Problem Solving • Version Control (Git) • Time Management • Agile Basics • Team Collaboration

Projects

Campus Media Portal   *Spring Boot, HTML, CSS, MySQL*

- Developed a full-stack campus news portal with secure login, role-based CRUD, and XSS protection.
- Designed responsive UI and implemented security features against SQL injection.

Student Management System   *Java, Spring Boot, MySQL, Postman*

- Built a role-based admin portal to manage student data with full CRUD operations.
- Integrated REST APIs and tested them using Postman for robust backend validation.

Face Detection using OpenCV   *Python, OpenCV, Haar Cascades*

- Implemented a real-time face detection system using Haar cascade classifiers in OpenCV.
- Processed webcam video streams to detect and highlight faces with bounding boxes.
- Enhanced accuracy with grayscale conversion and frame optimizations for faster detection.

Internships

Campus Growth Manager – PrepInsta   *Remote, May 2024 – Jan 2025*

- Led initiatives across 10+ campuses, increasing platform engagement by 30%.
- Conducted user outreach and provided feedback to improve platform UX.

J.P. Morgan Software Engineering Virtual Experience – Forage

- Visualized real-time stock data using JPMorgan's Perspective library.
- Practiced collaborative Git workflows, bug fixing, and secure dashboard integration.

Certifications

- Introduction to Networks - Cisco
- Introduction to Python – IBM
- MySQL – Udemy
- Machine Learning – Coursera
- AI Associate – Salesforce Trailhead
- Web Development – Udemy
- TryHackMe: Pre Security and Jr. Penetration Tester (in progress)

Leadership & Extracurriculars

Coordinator – State Youth Festival, KL University   *Dec 2022*

Protocol Core Member – Surabhi, KL University   *Feb 2025*