

MULLANGI RAJU

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EDUCATION

Bachelor of Technology (B.Tech), Computer Science and Engineering
Lakireddy Bali Reddy College of Engineering, Mylavaram, India

CGPA: 8.35
Dec 2021 - Jun 2025

WORK EXPERIENCE

Security Research Intern, Malaviya National Institute of Technology Jaipur

May 2024 - Jun 2024

- Engineered a framework for detecting covert backdoor attacks in D2D communication, improving detection efficiency by 10%.
- Implemented Python-based deep learning security algorithms with 97% accuracy.
- Designed a secure data exchange protocol, improving system response time by 30%.

Salesforce Developer Virtual Intern, SmartInternz(AICTE & SmartBridge)

Nov 2024 - Jan 2025

- Completed intensive training in Salesforce development, focusing on Apex (Java-like language), debugging, and security.
- Built automation using Flows, Process Builder, and APIs; applied component-based development using Lightning Web Components.
- Earned 3 Superbadges, including Apex Specialist, showcasing applied software engineering concepts.

PROJECTS

IoT Integrated System For Gas Leak Detection, Threat Zone Identification Method Employed Thereof | IoT

- Developed an IoT-based alert system achieving sub-1-second response time.
- Integrated real-time environmental APIs to detect and alert threats within a 20 km radius with 98% detection accuracy.

Amazon E-commerce Clone | JavaScript, HTML, CSS, MongoDB

- Developed a scalable, full-stack e-commerce platform simulating Amazon-like user experience.
- Implemented features like authentication, cart management, and product listings supporting 1,000+ concurrent users.
- Improved back-end performance by 20% using optimized queries.

Gesture-Driven AI Virtual Mouse (Ongoing Project) | Python, MediaPipe, OpenCV

- Building a gesture-based virtual mouse to enhance accessibility using hand-tracking with sub-700ms latency.
- Achieved gesture recognition with < 2% error rate.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, JavaScript, HTML, CSS

Web Technologies: HTML, CSS, JavaScript, React(Intermediate)

Databases: MySQL, MongoDB

Core Competencies: Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), DBMS, Git

CERTIFICATIONS

- Responsive Web Design Foundation – TechA
- Joy of Computing Using Python – NPTEL
- Introduction to Internet of Things – NPTEL
- Java Full Stack Development – Wipro TalentNext

ACTIVITIES

- Identified and analyzed emerging technologies for VRSE Innovation Day 2023, contributing to 15% process efficiency.
- Showcased technological prototypes at JNTUK Innovation Fair 2024.
- Represented college in multiple hackathons, securing top 3 positions consistently.

HONORS AND AWARDS

Patent Published: Application No. 202441030458 under the KAPILA Scheme.

National Hackathon Finalist: Secured 10th place at SAP Hackfest by developing an IoT project in CIET Guntur.

Hackathon Winner: Third place at LBRCE Hackathon for data science-based project.