PAILA HARSHITHA

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Paila-Harshitha_linkedIn | Paila-Harshitha-Github

PROFILE SUMMARY

Motivated and detail-oriented Computer Science student with strong skills in Java, Python, C, and Web Development. Passionate about software development, problem-solving, and building real-world applications. Hands-on experience in academic and project-based development with a quick learning ability. Creative mindset with an interest in clean visual storytelling and effective design communication. Skilled in combining functionality and aesthetics for impactful digital solutions. Strong teamwork, communication, and time management skills, seeking opportunities in the IT industry.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science and Engineering
Lendi Institute of Engineering, Visakhapatnam 2024 – 2028 | CGPA: 9.20

Intermediate
Sri Chaitanya Junior College 2023-2024 | Percentage: 95.7%

SSC
Bhashyam Educational Institutions 2021-2022 | Percentage: 94.8%

PROJECTS

Helmet Detection & Traffic Violation Alert System
Technologies: Python, OpenCV, YOLO, EasyOCR, Twilio API

- Developed a real-time helmet detection system using YOLO with automated SMS violation alerts via Twilio API and integrated OCR-based number plate recognition for vehicle identification and tracking.

RAPIDAID – Emergency Smart Response System & Resource Management System (ESRRMS)
Technologies: Web Development, JavaScript, APIs

- Developed an emergency response system with one-click SOS alerts, real-time location sharing, and live map-based route optimization to reduce delays in critical situations.

Distributed Voting System
Technologies: Java, Sockets, Multithreading

- Developed a distributed voting system using Java socket programming with multithreading and synchronization to securely manage concurrent voting, prevent duplicate votes, and enable real-time vote counting and result display through a centralized server.

TECHNICAL SKILLS:

Programming Languages: Java, Python, C
Core Concepts: Data Structures
Web Technologies: HTML, CSS, JavaScript
Database: MySQL, MongoDB Version Control: Git, GitHub
Code Editor: VS Code

ACHIEVEMENTS

- Secured 2nd place in a 24-hour Hackathon under Open Innovation domain, organized by ABVP, winning a cash prize of ₹7,000
- Developed innovative solutions addressing real-world problems during the competition

CERTIFICATIONS

MongoDB Certification – ScholarHat ,GeeksforGeeks | Palo Alto Cybersecurity Virtual Internship(EduSkills)
AWS Cloud Virtual Internship(EduSkills) | Google Android Developer Virtual Internship(EduSkills)