

DHIVYA VELUMANI

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CAREER OBJECTIVE

Passionate Electronics and Communication Engineering Student with a strong interest in Software Development and Testing. Seeking a challenging role where I can apply my technical skills to develop innovative solutions while continuously learning and collaborating in a dynamic environment. Beyond technical proficiency, I enjoy engaging with people, collaborating in teams, and learning from industry experts.

EDUCATION

Bachelor of Engineering (B.E.) – Electronics and Communication Engineering

Sona College of Technology, Salem | 2021 – 2025 | CGPA: 7.5/10

Higher Secondary School

Sri Ram Matric Higher Sec School | 2019 – 2021 | Percentage: 90.91%

EXPERIENCE

Full Stack Intern – Softye Technologies | July 2025 – Present

- Working on full stack web application development using React.js, Node.js, Express.js, and MongoDB.
- Implemented authentication using JWT & bcrypt and session handling for secure user access.
- Built RESTful APIs for user and product management, integrating frontend with backend services.
- Gained hands-on experience with Postman testing, Git/GitHub version control, and API integration.

PROJECTS

Attendance Management System using OpenCV

- Developed an automated attendance management system leveraging facial recognition technology to track student attendance.
- The system captures images of students, detects and recognizes faces using OpenCV's LBPH algorithm, and updates attendance records in real-time.

Autonomous Fire Detection and Suppression System using ESP32

- Designed and developed an autonomous fire detection and suppression system integrating sensors, wireless communication, and automated actuation.
- The system detects fires using temperature and flame sensors, and suppresses them using a Water Suppression Mechanism.

TECHNICAL SKILLS

- Programming Languages: C++, Python, SQL, JavaScript
- Frontend Development: HTML, CSS, React.js, Tailwind CSS
- Backend Development: Node.js, Express.js
- Database: MongoDB, MySQL
- Other Tools: Git, GitHub, Postman, JWT Authentication, REST API

CERTIFICATIONS

- Secured Elite in Introduction to Internet of Things conducted by IIT Kharagpur.
- Java Training at LiveWires The Media Institute, Salem (VAC).
- Successfully completed Python Full Course Certification from GeeksforGeeks.