

YASWANTH SAI REDDY KADHATI

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PROFESSIONAL SUMMARY

Aspiring software developer skilled in building scalable web and Java solutions, with hands-on experience in REST APIs, databases, and full-stack projects. Developed a high-efficiency Library Management System (Java/OOP) and IoT-web hybrid applications. Passionate about performance optimization and system design, with coursework in Data Structures, Algorithms, and DBMS

SKILLS AND INTERESTS

Programming Languages	Java, Python, C++, SQL
Web Technologies	HTML, CSS, JavaScript, TypeScript, Tailwind CSS, Bootstrap
Frameworks & Platforms	FastAPI, React.js, Node.js, Vue.js, Redux
Database	MySQL, MongoDB
Tools & Platforms	Git, GitHub, Eclipse IDE, VS Code, Figma, Chrome DevTools, Google Colab
AI & ML Expertise	Machine Learning, Deep Learning, Computer Vision
Course Work	Object-Oriented Programming, Data Structures & Algorithms, DBMS
Soft Skills	Critical thinking, Problem-solving, Data-driven decision making, Adaptability

EDUCATION

Sri Venkateswara College of Engineering (Affiliated to JNTU) Bachelors of Technology in Electronics and Communication Engineering	Dec 2021 – May 2025 CGPA: 9.02
NRI Junior College Senior Secondary (Class XII)	Jun 2016 – May 2018 CGPA: 8.95
Keshava Reddy Concept School Secondary (Class X)	Mar 2015 – Mar 2016 CGPA: 9.3

CERTIFICATIONS

- **AICTE Certified Full Stack Web Development** (Rveiya Dynamics Pvt Ltd)
- **AICTE Certified Java Internship** (Coding Raja Technologies)
- **Postman API Fundamentals Student Expert** (Postman)
- **Java Basic** (Hacker Rank)
- **Introduction to Cybersecurity** (Cisco Networking Academy)
- **AI Tools Workshop** (be10x)
- **Blockchain and its Applications** (NPTEL)
- **Introduction to MongoDB for students** (MongoDB)

INTERNSHIP EXPERIENCE

Full Stack Web Development Intern

Rveiya Dynamics Pvt Ltd (AICTE Certified) – Jan 2025 - Apr 2025

- Built a fully responsive static web page using HTML5, CSS3 (Flexbox, Grid, media queries) and vanilla JavaScript, including a navbar, footer, and client-side form validation.
- Installed and configured MongoDB, designed a users collection schema (id, name, email), and wrote scripts to insert, update, and retrieve sample data via the MongoDB shell and Mongoose.
- Developed CRUD operations in Node.js (Express.js) to expose RESTful endpoints for user management and integrated them with the front end.
- Ensured cross-browser compatibility and basic accessibility compliance (WCAG), and used Git for version control with clean commit histories.

PROJECTS

Smart Blind Stick

- Developed Python-based ETL pipelines using Jupyter Notebook to ingest and preprocess real-time sensor data from ultrasonic and gyroscope modules.
- Implemented Scikit-learn machine learning models for terrain classification, improving detection accuracy by 30%.
- Built and optimized real-time data workflows, reducing end-to-end processing latency by 30% for obstacle and fall detection.
- Conducted thorough data validation and testing on IoT prototypes, ensuring robustness in varied environmental conditions.
- Collaborated on designing efficient data structures and algorithms, improving system performance and contributing to a 20% increase in user adoption