

Madanu Sathish

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SUMMARY

Versatile **Software Engineer** with expertise in **full-stack web and mobile development**, proficient in **MERN stack**, **Java**, **Spring Boot**, and **SQL/NoSQL databases**. Experienced in building **scalable, user-centric applications** with **real-time features**, **API integrations**, and **secure authentication**. Skilled in **cloud platforms**, **AI/ML concepts**, and **agile methodologies**, with hands-on experience across **e-commerce**, **service platforms**, and **data-driven solutions**. Eager to contribute to innovative products with a strong focus on **problem-solving**, performance, and scalability.

SKILLS

Programming Languages:	Java, Python, C, C++, JavaScript
Back-end Technologies:	Spring Boot, Node.js, Express.js, PHP, REST APIs, Microservices
Front-end Technologies:	React.js, HTML, CSS, JavaScript, Streamlit
Databases:	MySQL, MongoDB, SQL
Cloud Platforms:	AWS (Cloud Practitioner), Firebase
AI/ML & Data Tools:	SentenceTransformers, Scikit-learn, Pandas, Matplotlib
Testing & Dev Tools:	Git/GitHub, Postman, CI/CD (GitHub Actions), VS Code
Additional Skills:	Data Structures and Algorithms, OOPS, Agile Methodologies
Familiar With:	Apex (Salesforce), Lightning Web Components (LWC)

WORK EXPERIENCE

Software Engineering Intern – Celebal Technologies	June 2025 – Aug 2025
<ul style="list-style-type: none">- Completed React.js-focused front-end internship building reusable components and responsive UIs.- Worked on real-time full-stack projects and collaborated with senior engineers on scalable system design.- Gained practical exposure to CI/CD workflows, API integration, and agile product development.	
Front-End Development Intern – Edunet Foundation	June 2024 – July 2024
<ul style="list-style-type: none">- Developed a responsive Student Portfolio Website using HTML, CSS, and JavaScript.- Showcased project, education, and skills using best practices in accessibility and front-end architecture.	

PROJECTS

Backpackr- Hybrid Travel E-commerce Platform (2025)	Technologies: MERN Stack, MongoDB Atlas,JWT
<ul style="list-style-type: none">- Built a full-stack e-commerce platform to connect farmers with customers, enabling direct sales of fresh produce.- Designed farmer and customer dashboards for product listing, inventory management, secure checkout, and order tracking.- Added real-time order status updates, product search, and filter features for a seamless user experience.	
ServeEase - Local Service Provider Directory(2025)	Technologies: Flutter, Java Spring Boot, Firebase
<ul style="list-style-type: none">- Developed a mobile application to help users easily find and book trusted local service providers.- Enabled real-time service management with role-based access for customers, providers, and admin.- Used Firebase Authentication and Firestore for secure user login and scalable data storage.- Facilitates verified service listings, booking history, and admin-controlled approvals.	
Credit Card Fraud Detection (2024)	Technologies: Machine Learning
<ul style="list-style-type: none">- Built a fraud detection model using Decision Tree and Logistic Regression, optimizing classification accuracy.- Processed and balanced imbalanced data using oversampling and undersampling techniques for improved detection.- Evaluated performance using Precision, Recall, and F1-Score, achieving 99.83% accuracy with Decision Tree and 94.52% with Logistic Regression.	

EDUCATION

2022 - present	B.Tech in Computer Science Engineering, SRM University AP	(CGPA: 8.64/10.0)
2020 - 2022	Intermediate (MPC), Sri Chaitanya Junior College	(Percentage: 97.7%)
2019 - 2020	Class 10th, ST Ann’s Centenary E.M High School	(Percentage: 97.16%)

CERTIFICATIONS

- **Front-End Internship in React.js – Celebal Technologies (2025)**
- **AWS Cloud Practitioner Essentials – Amazon Web Services (2024)**
- **Front-End Development Internship – Edunet Foundation (2024)**