

Rajesh S

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Summary

Passion about building a career in the software field with a strong interest in learning and problem-solving. A consistent self-learner who believes in improving at least 1% every day. Quick to adapt to new technologies and committed to completing tasks efficiently and on time. Enthusiastic about computer science fundamentals with hands-on experience from academic projects. Driven to take ownership of responsibilities and continuously deliver value through dedication and disciplined work.

Academic Synopsis

Qualification	Institution	CGPA/Percentage	Year
BTech in CSE	Kuppam Engineering College	7.51 (Current)	2023-27
Senior Secondary-XII	AP BIE Board	88.6%	2021-23
Secondary-X	SSC Board	77.3	2021

Projects

Smart-Edu

Software Integrated Smart Edu

November 2025

- **Smart Edu**, an AI-driven school management ecosystem leveraging predictive analytics and agentic AI to deliver personalized learning paths and early risk detection for students.
- Engineered a scalable full-stack platform using React, Node.js, Firebase, and MongoDB, integrating real-time attendance, automated fee systems, and AI-powered parent support chatbot.
- Designed data-driven analytics modules to transform academic and behavioural data into actionable insights, improving student performance monitoring and administrative efficiency.

Krishi-Ai

AI-Integrated Full Stack Developed Krishi-Ai

March 2026

- Developed **Krishi-AI**, an AI-based agricultural platform leveraging machine learning for crop prediction, fertilizer recommendation, soil quality analysis, and yield forecasting.
- Implemented ML models including Random Forest, SVM, Logistic Regression, and XG-Boost, achieving high prediction accuracy (~99%) for data-driven farming insights.
- Built a scalable full-stack application using React.js, Flask/Node.js, and MongoDB, integrating REST APIs for real-time agricultural decision support.

Secure-IDS AI

AI & Blockchain Secure AI-Blockchain IDS

February 2026

- Developed a **Secure AI-Blockchain Intrusion Detection System (IDS)** integrating deep learning and blockchain to detect cyber threats and ensure tamper-proof alert logging.
- Implemented TensorFlow/Keras-based models for real-time attack classification and utilized **SHA-256** hashing with Merkle Trees for secure data integrity.
- Built a full-stack system using Node.js, Express, MongoDB, and Web3.js, with Ethereum (Ganache) integration and a **SOC**-style dashboard for real-time threat monitoring.

Skills

- 🌀 Languages: C, Java, Python, SQL
- 🌀 Web: HTML, CSS, JavaScript, React, Node.js, Express
- 🌀 Backend: Spring Boot, Hibernate, Microservices
- 🌀 Databases: PostgreSQL, MongoDB
- 🌀 ML: Random Forest, SVM, Logistic Regression, XGBoost
- 🌀 Tools: Git, GitHub Postman, n8n
- 🌀 Blockchain: Ethereum
- 🌀 Design: Figma, Canva

Certifications & Achievements

- Participated in **Tech Nexus – Nexathon 2025 (24-Hour Hackathon)** *Nov 2025*
- Participated in **Innovators Day 24-Hour Hackathon** *Sep 2025*
- **C Programming Certification – SEL Edutech** *Nov 2023*
- **Programming using Java Certification – Infosys** *Apr 2026*
- **Microsoft Generative AI Fundamentals – Microsoft** *Jan 2024*
- **Cyber Security Certification** *Mar 2024*