

SURAJ E M

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🌐 [Portfolio](#)

🌐 [LinkedIn](#)

🐙 [GitHub](#)

About

Curious Software Engineer with a B.E. in Information Science, passionate about crafting real-world, scalable solutions. Experienced in Web Development, Machine Learning, and DevOps, with a focus on clean, efficient systems.

Education

M S Ramaiah Institute of Technology

B.E - Information Science and Engineering, CGPA: 9.15

- Secured 3rd place for final year major project.

Dec 2021 – July 2025

Bengaluru, India

SIR MV PU College

12th - State Board - 95%, KCET Rank: 3904

2019 – 2021

Davangere, India

Kendriya Vidyalaya Davangere

10th - CBSE - 90%

- School Vice Captain for 2 years; 2nd in State-Level Debate Competition.

2018 – 2019

Davangere, India

Internships

Project Intern

Oracle (Demo)

- Built a real-time dashboard for Siebel component health using dynamic, color-coded UI updates.
- Automated Siebel deployments with rollback via Jenkins CI/CD and Bash scripting.
- Configured Email Validation, Toggle Applets, and Hierarchical Picklists in Siebel CRM.

Jan 2025 – July 2025

Bengaluru, India

Software Intern

Bharat Electronics Limited (Github)

- Developed offline AI-based PDF/DOCX summarizer using BART and Pegasus models.
- Integrated secure FastAPI backend and React-based UI for local summarization tool.
- Enhanced summarization speed and accuracy across multiple document types.

Sept 2024 – Oct 2024

Bengaluru, India

Projects

Privee – Private Messaging App | React.js, Node.js, WebRTC, Socket.IO

- Built a privacy-first chat app with auto-deleting 1-on-1 messages and no data storage.
- Integrated WebRTC-based webcam/audio sharing and secure room-level communication.
- Optimized for mobile with PWA support and smooth animations using Framer Motion.

[GitHub](#) — [Preview](#)

Cook Connect – Cook Booking App | MERN Stack

- Developed a full-stack cook-booking platform with real-time matching and filtering.
- Implemented dashboards, booking history, alerts, and detailed profile management.
- Designed secure role-based APIs with animated frontend and real-time interactions.

[GitHub](#) — [Preview](#)

Emotion Detection System | Python, OpenCV, TensorFlow, Flask

- Built a real-time emotion detection system from webcam, voice, and text inputs.
- Combined CNN and NLP models with live visualization in a Flask-based interface.
- Unified multi-input predictions into a seamless AI-powered emotion dashboard.

[GitHub](#)

For more projects: github.com/me21jarus

Technical Skills

Languages: C++, Python

Frontend: React.js, Next.js, HTML, CSS, JavaScript

Backend: Node.js, Express.js, FastAPI

DevOps: Docker, Kubernetes, Jenkins, Bash

Databases: MySQL, MongoDB