

# SURAJ KUMAR

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<https://leetcode.com/u/suraj787/>   <https://github.com/Suraj-787>

## Education

### Siddaganga Institute Of Technology

Bachelor of Engineering in Artificial Intelligence and Data Science (CGPA of 9.53) — 2023-27

August 2023 - present

Tumkur, Karnataka

## Relevant Coursework

### Core Courses:

- Data Structures and Algorithms
- Database Management Systems
- Object-Oriented Programming
- Design and Analysis of Algorithms
- Operating Systems
- Machine Learning

## Skills

**Languages:** C++, C, Python, Java, JavaScript, TypeScript

**Frameworks & Libraries:** React, Next.js, Node.js, Express, Bun, Tailwind CSS, shadcn/ui

**Databases & Backend:** PostgreSQL, MongoDB, SQL, Prisma, REST APIs, JWT

**AI & Systems:** LLM Integration (Gemini, OpenAI), NLP, Multi-Agent Systems, Redis, LiveKit

**Tools:** Git, GitHub, CI/CD, Docker (basic)

## Projects

### Kuma AI — Intelligent Personal Assistant with Multi-Agent System

[Link](#)

- Built a full-stack AI assistant with multi-agent architecture, long-term memory, and vision capabilities.
- Integrated Google Workspace apps (Gmail, Calendar, Drive, Docs, Sheets) and GitHub for seamless productivity.
- Implemented real-time voice chat with LiveKit, Redis queue processing, and JWT authentication.
- Tech stack: React, TypeScript, Bun, Express, PostgreSQL, Prisma, Redis, and AI SDK with Google Gemini/OpenAI.

### FinTalk — Multilingual Conversational Loan App

[Link](#)

- Built an AI chatbot to assist users with loan eligibility, guidance, and recommendations.
- Integrated multilingual NLP support using Sarvam AI for accessibility across regions.
- Developed with Python, Streamlit, Hugging Face Transformers, and secure authentication.

### Sayan — Government Schemes App

[Link](#)

- Created a Next.js platform for browsing and interacting with Indian government schemes.
- Built an AI-powered multilingual chatbot with integrated voice assistant features.
- Used Tailwind CSS, shadcn/ui, MongoDB, and TypeScript for responsive UI and backend.

### AutoToon — AI Comic Generator

[Link](#)

- Developed a full-stack AI app that converts text prompts into comic panels and stories.
- Added story creation, style selection, and real-time comic generation tracking.
- Tech stack: Next.js, Bun, Express (TS), Sharp, PDF-lib, and Tailwind CSS.

## Achievements

- Participated in **JP Morgan Code for Good 2025**, building dashboards for NGO *PANS* to empower rural women through transparency, quality checks, and efficient order management.
- Ranked **304th** out of 6000+ teams in the **Amazon ML Challenge 2025**.
- **1st Runner-Up** at "Research Gate" Hackathon for *Sayan* (Govt. scheme app); **2nd Runner-Up** in **UI/UX Design** at *Browse*.
- Solved **260+** **LeetCode** problems with a contest rating of **1508**.
- Organized a **hackathon** for AI Brewery; conducted a **Generative AI workshop** (40+ participants) and a multi-day **Web Development workshop** for juniors.
- Ranked in the **Top 10%** among 1200+ teams at *The Great Bengaluru Hackathon* with *FinTalk*, an AI-powered finance assistant.

## Position Of Responsibility

### Decoders-The Official Programming Club of S.I.T.

May 2024 – Present

Member

Tumkur, Karnataka

- \* Collaborated with the team to organize various **coding** challenges and events while promoting a strong **coding culture** across the campus.

### AI Brewery

June 2025 – Present

Member

Tumkur, Karnataka

- \* Engaged in **AI-focused projects**, **web development**, and active participation in tech discussions.