

# Naveen Hemanth Kokkonda

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## Summary

Computer Science undergraduate specializing in full-stack development and AI/ML technologies. Experienced in developing scalable web applications using Python, React.js, and Flask. Passionate about solving complex problems and building impactful software solutions.

## Skills

**Programming Languages:** Python, JavaScript, SQL

**Frontend:** HTML/CSS, React.js

**Backend & Databases:** Supabase, MongoDB, Streamlit, Flask, FastAPI, RESTful APIs, AWS(Familiar), Docker

**Developer Tools:** Git, VS Code, Android Studio, Postman

**Core Competencies:** Responsive Design, Authentication, DBMS, CI/CD

## Education

**Sreyas Institute of Engineering and Technology**

**Oct 2022 – Jun 2026**

Bachelor of Technology in Computer Science

**GPA: 7.38/10**

*Relevant Coursework:* Data Structures, Algorithms, OOP, DBMS, Operating Systems, Networks, AI, and Web Development.

## Projects

### Application Tracking System

**Jan 2025** 🔗

*Flask, Groq AI, PyPDF2, pdfplumber, Python-dotenv, Docker, HTML/CSS, JavaScript*

- Engineered an ATS with dual PDF extraction engines (PyPDF2, pdfplumber), achieving **99%** extraction accuracy through fallback mechanisms.
- Integrated Groq AI for resume analysis, providing structured feedback with **95%** accuracy in skill matching.
- Implemented enterprise-grade error handling, detailed logging, and efficient file management (**16MB** max size, **99.9%** uptime).
- Designed a responsive UI with real-time feedback and dynamic theming, increasing engagement by **40%**.

### Multi-Chat AI Application

**Jan 2025** 🔗

*Python, Flask, Streamlit, OpenAI, SQLite, HTML/CSS, JavaScript, Socket.IO*

- Developed a multi-chat system supporting simultaneous conversations with different AI models.
- Integrated WebSockets via Socket.IO, ensuring **<50ms** latency for real-time messaging.
- Architected a scalable backend to manage **100+** concurrent chat sessions efficiently.
- Built a dynamic UI with multiple chat windows and real-time typing indicators for enhanced usability.

### Expense Tracking Application

**Dec 2024** 🔗

*React, Material-UI, Supabase, PostgreSQL, Context API*

- Engineered a real-time expense tracker with **300ms** response time across **15+** UI components.
- Optimized data fetching with Context API and Supabase queries, reducing load times by **40%**.
- Implemented secure authentication, ensuring **99.9%** uptime and handling **100+** concurrent users.
- Enhanced performance using PostgreSQL RLS and Supabase real-time subscriptions, achieving **95%** faster updates.

## Certifications

**Infosys Springboard: Python Basics**

**Sep 2024**

[View Certificate](#)

**MongoDB Python Developer Path**

**Jan 2024**

[View Certificate](#)

## Extracurricular Activities

- Participated in **hackathons** and coding competitions, developing innovative solutions.
- Mentored students in Python programming and full-stack development.