SHASHANK SAXENA

📞 +91 9140317708 ✉ Shashanksaxena010@gmail.com

in LinkedIn ○ GitHub ≣ Stack Overflow

Summary

Full-Stack Software Developer with **nearly 2 years of experience** in fintech, specializing in real-time data platforms and AI-powered analytics using **Python, React, Nest.js, TypeScript, PostgreSQL, Django DRF,** and **Docker**.

Experience

FeedSense.ai   **Feb 2024– Present**

Executive - Software Developer   *Kolkata*

- Built and optimized **FeedSense.ai**, a real-time stock analytics platform using React, Nest.js, Node.js, and TypeScript, reducing system latency by **40%** and enhancing scalability.
- Integrated **AI-driven equity prediction models** for Nifty 50 and large-cap stocks, improving forecast accuracy by **25%**.
- Worked on **LLM-powered financial insights** using **RAG pipelines with Chroma vector database**, enabling contextual query responses and personalized analytics.
- Implemented real-time data pipelines with WebSocket.io and Redis, enabling seamless processing of live market data for instant analytics.
- Led architecture and scaling of FeedSenseV2, launching a **revenue-generating analytics tool**.

Skills

- **Programming Languages:** C++, Python, JavaScript, TypeScript

- **Frameworks / Libraries:** React.js, Node.js, Express.js, GraphQL, Redux, FastAPI, Django REST Framework

- **Databases:** PostgreSQL, Redis

- **Tools / Platforms:** Docker, Git, Postman API, WebSocket.io, Visual Studio, Apache Kafka

- **Problem Solvings:** Data Structures Algorithms, System Design

Projects / Open-Source

Budget Tracker – AI-Powered Personal Finance Web App 🔗

React + Django Full-Stack Application
- Full-stack app for **expense tracking**, **budget planning**, and interactive charts (D3.js).
- Integrated **AI Advisor (Google Gemini)** for personalized insights and savings tips.
- Secure auth, responsive UI (Ant Design); deployed on **Vercel** (frontend) and **Railway** (backend).
- **Tech:** React (TypeScript), Vite, Ant Design, Axios, D3.js, Django REST Framework, PostgreSQL

FeedTick Portfolio – Real-Time Stock Predictor

Financial Data Analytics Platform
- Containerized platform for **live market data** streaming and **trend prediction** with ML models.
- Real-time pipelines and interactive charts for instant analytics.
- **Tech:** Nest.js (React), TypeScript, Node.js, Socket.io, Redis, PostgreSQL, Python (TensorFlow)

Avatar 2.0 – Virtual Voice Assistant

AI & Automation Project
- Supports **voice interaction**, **email automation**, and **AI-generated images**.
- **Tech:** Python, Botpress.io, Selenium

Honors & Awards

- **Ranked 1st in college** for academic excellence with the highest SGPA in **2nd and 3rd year**.

- Won **KIT Academic Excellence Award** for **three consecutive years** (2023, 2022, 2021).

- Awarded **Junior Scientist Award** (2019) at School.

- Ranked **51st** in CodingNinjas Monthly Contest 17 all over India and **323rd** in Codehaven - Central India's Biggest Coding Challenge.

Education

Kanpur Institute of Technology   **Aug 2020– Jul 2024**

Bachelor of Technology, Computer Science — CGPA: **8.8/10**