

RAHUL SANGRAL

Software Engineer • Full-Stack Developer

+91 96823 94363 • rishumvis007@gmail.com • Jammu, India

[LinkedIn](#) • [GitHub](#) • [LeetCode](#) • [Codeforces](#) • [GeeksforGeeks](#) • [Codedex](#) • [Portfolio](#)
Software Engineer / SDE-1 • New Grad 2026 • Available Immediately

SUMMARY

Software engineer who builds full-stack web applications with **Python (FastAPI)**, **React**, and **SQL**. I like taking a feature from an idea to working code — designing REST APIs, modeling databases, and wiring up the frontend, backend, and cloud deployment. Strong with **data structures and algorithms** and object-oriented design. Looking for a Software Engineer / SDE-1 role; happy to relocate or work remotely.

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript, SQL, HTML/CSS
CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, System Design
AI/ML & LLMs: Machine Learning, Deep Learning, NLP, RAG Pipelines, Prompt Engineering, Claude API, Amazon Bedrock, Vertex AI
Data & Analytics: Pandas, NumPy, Scikit-learn, ETL Pipelines, Data Modeling, KPI Dashboards, Tableau, Power BI, Streamlit, Matplotlib, Excel
Web & Backend: React.js, FastAPI, REST APIs, Firebase / Firestore, Tailwind CSS, PostgreSQL, MySQL
Practices: Agile / Scrum, Git Workflow (branches & PRs), Unit Testing (pytest), Debugging, Code Review
Tools & Cloud: Git & GitHub, Docker, CI/CD, Linux, AWS, Google Cloud, Microsoft Azure, Vercel, Railway, Postman

EXPERIENCE

Founding Software Engineer — Full-Stack Nov 2025 – Present

Clavix Technologies Pvt. Ltd. (Aethex) — SaaS Platform Remote

- Building a full-stack SaaS web app with React, FastAPI, and PostgreSQL/Firestore as the sole engineer, taking it from an idea to a working product.
- Designed the **REST API** and set up authentication with Firebase Auth, with login sessions and role-based access for different types of users.
- Planned the database schema, wired up Razorpay subscriptions and GA4 analytics, and set up **CI/CD** on Vercel and Railway to push changes quickly as I build.

Freelance Software Developer 2023 – Present

Independent Remote

- Built web apps, REST APIs, and automation scripts for clients with Python, FastAPI, and React, connecting them to third-party APIs and SQL/NoSQL databases.

Business Development Executive (Intern) Jan 2026 – Feb 2026

SND Technologies Remote

- Wrote Python scripts to pull and report KPIs automatically (cutting a lot of manual work), and built SQL/Excel reports to track leads and conversion rates.

Software Engineering Virtual Experience Feb 2026

JPMorgan Chase & Deloitte Australia (via Forage) Remote

- JPMorgan (certificate)**: used Python to process live financial data feeds and catch anomalies. **Deloitte**: cleaned multi-source data and built dashboards.

PROJECTS

- SQLFixEnv v2.0** (Python, LLM, Hugging Face) — built for the Meta × Hugging Face PyTorch OpenEnv Hackathon (2025): a tool that spots SQL errors, explains what went wrong, and suggests a fix, running live as a web app. [Live demo](#).
- AI Data Insights Engine** (Python, FastAPI, Pandas) (2025–26): a backend service that reads CSV/Excel files and returns plain-English summaries, charts, and anomaly alerts, cutting manual analysis time by roughly **60%**.
- KPI Performance Dashboard** (SQL, Tableau) (2025): a pipeline that feeds live SQL into an interactive dashboard with drill-down filters, which cut repetitive reporting requests by about **40%**.

EDUCATION

Bachelor of Computer Applications (BCA) 2023 – 2026

Uttaranchal University Dehradun, India

Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, Web Development, Software Engineering.

Higher Secondary Certificate (Science Stream) — MV International School, J&K

CERTIFICATIONS

- McKinsey Forward Program** — McKinsey & Company (2026)
- Google Advanced Data Analytics** — Google / Coursera
- Microsoft: AI & ML Engineering, AI & ML Algorithms and Techniques & Preparing Data for Analysis with Excel**
- Introduction to Data Science** — Cisco (2026)
- Anthropic (2026): Building with the Claude API, Claude in Amazon Bedrock & Claude with Vertex AI**

LANGUAGES & INTERESTS

Languages: English, Hindi, Dogri • **Interests:** SaaS Products, AI Hackathons, Open-Source, Video Editing