Soumojit Gon
Full Stack Software Engineer — GenAI OCP — AI Enthusiast

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Professional Summary

Engineered full-stack web applications with 2+ years of hands-on experience in designing, optimizing, and deploying scalable, secure systems. Specialized in JavaScript (React, Node.js), GenAI (Oracle Certified Professional), and Solidity-based smart contract development. Implemented microservices architecture and RESTful/GraphQL APIs, with robust DevOps integration using AWS, Docker, and CI/CD pipelines. Delivered clean, high-performance solutions with 99.9% uptime and rapid deployment cycles in Agile-driven environments, enabling reduced time-to-market and consistent delivery of production-grade features.

Education

B.Tech in Computer Science and Engineering   2022 – 2026
VIT Amravati, India   CGPA: 7.97/10
Higher Secondary (Computer Science)   2016 – 2020
Acme Academy, Kalna, WB   Percentage: 85%

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, Java, HTML, CSS
- **Frontend:** React.js, Next.js, Redux, Tailwind CSS
- **Backend:** Node.js, Express.js, Django, Flask, REST, GraphQL
- **Databases:** MongoDB, PostgreSQL, MySQL, Redis
- **Blockchain:** Ethereum, Web3.js, Solidity, MetaMask, Smart Contracts
- **Cloud/DevOps:** AWS, Docker, Kubernetes, GitHub Actions, Serverless
- **AI/ML:** TensorFlow, LLMs, OpenAI GPT, Model Deployment
- **Tools:** Git, Postman, GitHub, Agile, CI/CD

Professional Experience

Software Engineer Intern   Jun 2023 – Present
CollegeTips.in, Remote

- Spearheaded five scalable full-stack applications using React.js and Node.js, enhancing user experience for over 10,000 students nationwide.
- Enhanced API response time by **15%** by optimizing queries and leveraging async patterns in Express.js.
- Architected **MongoDB indexes and Redis cache layers**, improving database throughput by **30%**.
- Conducted rigorous code reviews, bolstering code quality and increasing unit test coverage to **90%+**.
- Automated CI/CD workflows using GitHub Actions and deployed web services on **Vercel & Render** ensuring zero-downtime updates.

Projects

AI-Powered Text-to-SQL Translator (Python, Streamlit, OpenAI API)
Converted natural language into SQL queries with 95% accuracy. Integrated OpenAI GPT with prompt tuning and query validation. Hosted on Streamlit. [Live Demo] | [Code]

Backend Microservices Architecture (Node.js, Express, MongoDB, RabbitMQ, Redis, Docker)
Architected a containerized backend system using microservices (API Gateway, Identity, Post, Media) with 99.99% uptime. Integrated Redis caching and RabbitMQ queues for inter-service messaging. [Code]

Generative AI Document Intelligence System (Python, Streamlit, LangChain, Google Gemini)
Delivered a GenAI assistant for document analysis and retrieval via LangChain and Gemini API. Implemented RAG pipelines, memory-based chat, and tool calling, engaging 100+ users. [Live Demo] | [Code]

Certifications & Achievements

- Earned **Oracle Certified Generative AI Professional** for advanced GenAI application design.
- Finalist (Top 500) in the **Blockchain Hackathon 2024**, recognized for building a scalable microtransaction DApp.
- Open-source contributor to tools like **Isaac Groot** and **Firebase**, collaborating with global developer communities.

Additional Information

- **Languages:** English (Proficient), Hindi (Native), Bengali (Native)
- **Interests:** Open Source, Blockchain, AI/ML, Competitive Coding, Football, Dancing, Music