SAIKAT GANTAIT

Kolkata, West Bengal

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EDUCATION

University of Engineering and Management   **2020 - 2024**
B.Tech in Computer Science and Engineering | CGPA: 8.6   *Kolkata, West Bengal*

EXPERIENCE

Software Developer - Catoff   **March 2025 - Present**
Fullstack Developer   *Bengaluru, Karnataka*

- Built and optimized scalable data pipelines using Java and SQL, processing 50K+ records/day.
- Designed real-time systems using WebRTC and Redis Pub/Sub, reducing latency by 40%.
- Integrated fiat on-ramps with 99.8% transaction success rate.

Software Developer - Digit Program   **September 2024 - December 2024**
Software Developer   *Hyderabad, Telangana*

- Developed and deployed REST API features in Java (Spring Boot) and SQL, cutting response latency by 25%.
- Enhanced backend reliability by solving client-specific integration issues.
- Contributed production-grade modules for API design and backend architecture.

PROJECTS

<u>Mind-Weaver</u> | AI-powered workflow and on-chain insight generation platform

- Built an AI-powered platform that transforms user inputs into intelligent workflows and on-chain insights, combining conversational AI with blockchain logic.
- Designed a scalable full-stack architecture with React frontend and TypeScript-based backend services for real-time data processing.
- Implemented modular system design to support future integrations with protocols and AI models, improving extensibility and performance.

<u>Uptime</u> | System Monitoring Platform

- Created a system monitoring tool to track the uptime, response time, and health of multiple services in real time.
- Implemented automated health checks and alerting mechanisms to quickly detect downtime and performance issues.
- Built scalable backend services focused on reliability and observability, with support for future analytics and integrations.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java
Frontend: React.js, HTML5, CSS3, Component-based UI, State Management
Backend: Node.js, Express.js, RESTful APIs, GraphQL, Authentication (JWT)
Databases: PostgreSQL, MySQL, MongoDB, Redis, NoSQL Design
Cloud DevOps: AWS, Docker, Kubernetes, CI/CD Pipelines
Data & Analytics Tools: Advanced Excel, Tableau, Power BI, Data Analysis Reporting
Testing & QA: Jest, Cypress, Vitest
Tools & Collaboration: Git, GitHub, Postman, Jira

CERTIFICATIONS

- Hackathons Won Sidetripe, Avalanche, Aptos, Algorand
- Academic Excellence Award UEM Kolkata
- Mastering Data Structures and Algorithms IEM-UEM
- NPTEL Silver Medal Soft Skills National Test