SAURAV SABLE

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Education

Indian Institute of Information Technology Una, Himachal Pradesh.   **2021 − 2025**

Bachelor of Technology in Information Technology   *CGPA 8.07*

Experience

Zodiac.ai | *Founding Engineer Intern*   **April 2025 − Present**

- Built backend **APIs with NestJS** and integrated them into the frontend via **React Query**, enabling **zero-downtime data fetching** and scalable **state management**, processing **10K+ daily requests**.
- Delivered **two MVPs** — **Quick Commerce Analytics** and **Ads Analytics** — within **3 months**, enabling **early adoption by 10+ users**, faster product iterations, and accelerated go-to-market.
- Automated **ad workflows** with **n8n** and **Puppeteer**, reducing manual intervention by **70%** and saving **20+ hours/week** in campaign management.

GlowtechMor | *Frontend Developer Intern*   **December 2023 − June 2024**

- Engineered **10 scalable software platforms** with a focus on **modular architecture**, **clean code**, and **microservices**, boosting system performance and maintainability.
- Streamlined development by creating **reusable components** and **custom hooks**, cutting **development time by 70%** in an **Agile environment**.
- Created a **CMS** that reduced **content update time by 60%**, improving workflow speed and team output.

Kurenai | *Web Developer Intern*   **September 2023 − November 2023**

- Developed a real-time **view counter** to track blog read time and update view counts, improving **tracking accuracy by 30%** and strengthening **data reliability**.
- Designed an **analytics dashboard** for writers to monitor **earnings** and **article performance**, increasing **data visibility by 80%** and enabling informed decision-making.
- Architected the application using **MVC design**, accelerating **feature deployment by 20%** and facilitating seamless integration of new modules.

Projects

Mindwell | **Code** | *MERN, Redux-Toolkit, Razorpay, Redis, AWS-S3*   **April. 2024 - December 2024**

- Optimized platform performance by incorporating **infinite scrolling** and **Shimmer UI**, boosting **page speed by 50%**, reducing perceived wait times by **25%**, and improving user engagement.
- Increased data access by **80%** using **Redis caching** and **MongoDB aggregation**, while integrating **debounced fuzzy search** and **advanced filters with tabbed navigation**, cutting retrieval time by **20%** and raising precision by **40%**.
- Improved system reliability by configuring **Prometheus, Grafana, and Loki** for monitoring, enabling **30% faster issue detection** and strengthening platform stability.

EliteMart | **Code** | *MERN, Redux, SocketIo, Kafka, Stripe, AWS-S3, AWS-SQS*   **September 2023 - March 2024**

- Introduced a collaborative **group cart feature**, reducing product discussion time by **75%**, and enabled real-time **cart-specific chat**, driving smoother group shopping experiences.
- Enhanced platform performance by **15% faster load times** with **Lazy Loading**, **SEO optimizations**, **structured pagination**, and **debounced product recommendations**, cutting query latency by **75%** and accelerating data retrieval through caching strategies.
- Decreased backend server load by **40%** through a **message queue system** and employed **Kafka** to process over **1,000 messages concurrently**, strengthening system **throughput**, **fault tolerance**, and reliability.

Technical Skills

Programming Languages: C, C++, Python, JavaScript, TypeScript
Frontend: React.js, Next.js, React Native, Redux, Redux Toolkit, Material-UI, Tailwind CSS
Backend: Node.js, NestJS, Express.js, REST APIs, GraphQL, Socket.IO, Microservices
Databases & ORMs: MongoDB, PostgreSQL, Firebase, Redis, Redshift, Prisma, Knex.js
DevOps & Cloud: AWS, Docker, Prometheus, Grafana, Loki.
Automation Tools: n8n, Puppeteer, Make.com
Tools & Testing: Git, GitHub, VS Code, Postman, Jest.

Achievements

- Achieved **Rank 7** in the Coding Competition **CodeRush** organized by Algo-University.
- Secured **Rank 3** in the **UI Design and Debug Challenge** at Meraki Tech Fest, IIIT Una.
- Solved **500+ DSA and Competitive Programming problems** across multiple platforms, strengthening **algorithms**, **data structures**, and **coding efficiency**.