ISHANT SIKDAR

Software Engineer | Java | Spring Boot | Node.js | SQL | AWS

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PROFESSIONAL SUMMARY

Backend Software Engineer with 1.5+ years' experience in shipping production-ready **fintech** and **entertainment** systems at scale. Skilled in **Java, Spring Boot, Node.js, SQL** and **AWS**, with a strong foundation in **algorithms** & **system design**. Proven ability to reduce API latency, architect high-availability systems, optimize databases and ship features from dev to prod. Looking to build robust and scalable systems in fast-paced engineering teams.

SKILLS

Languages & Frameworks: Java, Spring Boot, Hibernate, Node.js, TypeScript, JavaScript.
Databases & Tools: MySQL, PostgreSQL, MongoDB, Redis, SQL, NoSQL, JPA, ORM.
Cloud & DevOps: AWS, Docker, GitHub Actions, CI/CD, Linux, Git.
Frontend: React.js, Redux Toolkit, React Query, TailwindCSS
Others: Agile, Scrum, Jira, DSA, LLD, HLD, System Design.

EXPERIENCE

Software Development Engineer - Intern to Full-time
FUTY – Remote (London HQ – Entertainment & Fintech Startup)   *July 2024 – July 2025*

- **Developed & Maintained** key software modules in **entertainment gaming** and **finance** apps across **DEV, UAT** and **PROD.**
- **Reduced API latency by 90%** in a **realtime** battleship-style game using **async processing** & **caching** via Queues & Redis.
- Built a **high availability** fantasy sports platform "**FUTY**" to **2K+ users** by React, Tailwind, and served via **AWS S3** + **CloudFront**.
- **Refactored** the core **AWS S3** module to support **MinIO** compatibility, enabling self-hosted object storage infrastructure.
- Developed a robust **Loan Management System** via Node, React, & SQL, enhancing reliability & reducing errors in loan tracking.
- **Mentored and assisted** team members in **problem solving**, guidance and **code reviews** to ensure quality standards.
- **Collaborated** with cross-functional teams to ensure clarity and **timely delivery** of product's features under **strict deadlines**.

Backend Engineer - Intern
Opalina Technologies – Noida, Uttar Pradesh - (Fintech Service Company)   *Nov 2023 – May 2024*

- Architected & developed a robust **Loan Management System** using Java, Spring Boot and MongoDB from **DEV, UAT** to **PROD**.
- **Orchestrated** high-throughput loan workflows for **~1,000 end users**, maintaining zero downtime across financial partners.
- **Optimized** backend **throughput by over 60%** under load by leveraging Java **multithreading** for concurrent processing.
- Reduced **MongoDB query** response times by **70%** through optimized **aggregation pipelines and DB indexing** strategies.
- Participated in and facilitated **Agile sprints**, sprint planning, and **peer code reviews** in a fast-paced team environment.

PROJECTS

Mindo – AI EdTech Platform   *June 2024 – Present*
A solo full-stack project that helps learners generate custom learning paths, quizzes, and curated YouTube content using AI.

- Developed and containerized REST APIs with **Node.js** and **NestJS (Fastify),** deployed **on AWS EC2.**
- Configured **websockets** to enable real-time chat across app users for community interactions.
- **Designed and normalized** a relational schema for users, quizzes, roadmaps, and scraped content using **PostgreSQL.**
- Engineered learning roadmaps and quizzes by integrating **GPT-4** via the **OpenAI API.**
- Utilized **YouTube Data v3 API** to curate contextually relevant video resources.
- Developed an interactive single-page web app with **React** and **Tailwind** CSS for a seamless user experience.

EWallet – E2E Wallet System   *July 2024*
A transactional wallet app simulating core PayTM features for user payments, visualizations, and bank integration.

- Developed and containerized four apps: **React.js** frontend**, Node.js** backend**, webhook handler**, and mock bank UI.
- Implemented core wallet logic using **PostgreSQL** with **SQL locking** via Prisma ORM to ensure **ACID-compliant transactions**.
- Streamlined development using **Turborepo**, reducing code duplication and improving DX by 30%.
- **Automated CI/CD pipelines** with GitHub Actions, reducing deployment time by 50%.
- Deployed all apps as **Docker** containers **on AWS EC2** for better scalability and uptime.
- Integrated **Google OAuth** for ease and secure login and React charts for **wallet balance visualization**.

ACHIEVEMENTS

- Solved **250+ problems on LeetCode**, demonstrating strong DSA and problem-solving skills.
- Earned the **AWS Cloud Essentials** Badge from Amazon, validating foundational **cloud knowledge** and **AWS services**.
- Achieved **2.5K+ weekly impressions** on LinkedIn by posting daily insights on **Java, backend engineering,** and **system design**.
- Finalist among **100+ teams** in a college-level hackathon, building a full-stack project under tight deadlines.

EDUCATION

Maharaja Surajmal Institute, *Delhi*   *2022 - 2025*
Bachelor's, Computer Science, CGPA: 8.9
Relevant coursework: Data Structures, Database Management System, Operation Systems, Computer Networks.