

# ISHANT SIKDAR

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

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## PROFESSIONAL SUMMARY

Backend Software Engineer skilled in **Java, Spring Boot, Node.js, SQL, MongoDB and AWS**, with proven success delivering production-grade fintech and gaming systems. Delivered **90% API latency reduction** in a real-time game, scaled a fantasy sports platform to **2K+ users**, improved DB queries by **70%**. Strong foundation in **System design** and **DSA (250+ LeetCode problems)**.

## 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** - Full-time

**FUTY** – Remote (London HQ – Entertainment & Fintech Startup)

July 2024 – July 2025

- **Designed and delivered** multiple production-ready modules for gaming and fintech applications across **DEV, UAT, and PROD** environments, using **React, Node.js, and SQL**, ensuring smooth feature deployments.
- **Reduced** API latency by **90%** in a real-time battleship-style game by implementing **asynchronous job processing** with BullMQ and **Redis caching**, improving in-game responsiveness from 2.5 seconds to 200ms.
- **Built** a high-availability fantasy sports platform ("**FUTY**") for **2K+ users** using **React, TailwindCSS**, and **AWS S3 + CloudFront**, achieving **sub-200ms** asset delivery via **CDN**.
- **Refactored** the core AWS S3 integration to support **MinIO-compatible** endpoints, enabling the use of **self-hosted** object storage for **cost savings** and **data control**.
- **Developed** a robust loan management system **with Node.js, React, and SQL**, incorporating form validations, transaction tracking, and error handling to **reduce loan tracking errors by 35%**.
- **Mentored** junior developers through **code reviews, pair programming, and debugging sessions**, improving overall team code quality and reducing bug recurrence.
- **Collaborated** with cross-functional teams **via Agile sprints and Jira tracking**, ensuring clear requirements and delivering product features on time in over **95% of sprints**.

**Backend Engineer** - Intern

**Opalina Technologies** – Noida, Uttar Pradesh - (Fintech Service Company)

Nov 2023 – May 2024

- **Architected and developed** a loan management & collection system using **Java, Spring Boot, and MongoDB**, deploying it across **DEV, UAT, and PROD** environments, processed **1,000+ loan applications and accounts** post launch.
- **Implemented** push notification scheduling **using Cron jobs and batch processing** to remind employees about daily tasks, improving timely task completion by 80%.
- **Optimized** MongoDB performance **by simplifying and restructuring the schema** for maintainability while meeting business requirements, resulting in easier query handling and reduced development complexity.
- **Reduced** MongoDB query **response times by 70%** through **aggregation pipeline optimization, strategic indexing, and schema tuning**, significantly improving API response times.
- **Participated in Agile sprints** by contributing to sprint planning, backlog discussions, and peer code reviews, helping ensure timely delivery of planned features in a fast-paced environment.

## 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.