

Ishant Sikdar

Software Engineer

Delhi, India

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Technical Skills

Programming Languages: Java, TypeScript, JavaScript

Frameworks: React.js, Redux, Tailwind CSS, Spring Boot, Hibernate, Node.js, Prisma, Express.js

Databases: MySQL, PostgreSQL, MongoDB

Additional: Git, AWS, Docker, CI/CD (GitHub Actions)

Experience

FUTY - [Link](#)

Oct 2024 – June 2025

Software Engineer - Intern

London, United Kingdom

- **Developed** the frontend for **PlayFuty**, a fantasy sports platform for the Football Premier League, across **DEV, UAT, and PROD environments**, ensuring seamless user experience.
- **Leveraged** TypeScript, JavaScript, React.js, Redux, React Query, and Tailwind CSS to craft **responsive and interactive user interfaces**.
- **Optimized** application performance using advanced techniques like **memoization, virtualization, and hashmaps**, achieving a **25% improvement** in efficiency.
- **Enhanced** data handling and UI responsiveness for large datasets, reducing latency and improving usability by **20%**.

Opalina Technologies - [Link](#)

Nov 2023 – May 2024

Software Engineer - Intern

Noida, Uttar Pradesh

- Develop **Loan Origination System (LOS)** and its CMS from concept to **DEV and UAT environments** using **Java, Spring Boot, and MongoDB**.
- **Designed** and implemented **optimized RESTful APIs** for fast response times, reducing latency significantly.
- **Refined** MongoDB aggregation pipelines, cutting API response times by **40%**.
- **Upgraded** the database schema, enhancing data consistency and reducing complexity by **25%**.
- Resolved critical **software bugs**, improving product quality and reliability by **60%**.
- **Integrated** Spring Security to enable secure authentication and authorization for the LOS application.
- **Automated** notification systems by configuring **CronJobs** for timely alerts in LOS and CMS platforms.

Projects

eWallet System - [Link](#) / TypeScript, Next.js, PostgreSQL, Prisma, Docker, CI/CD, Turborepo

July 2024

- **Designed** an eWallet system akin to PayTM, reducing development complexity by **30%** with a monorepo architecture.
- **Orchestrated** four apps (Next.js user-end, Node.js webhook, React bank interface, Node backend) to streamline the development lifecycle.
- **Optimized** PostgreSQL queries using Prisma ORM, improving transaction efficiency by **50%** while maintaining data integrity.
- **Implemented** scalable deployments using **Docker on Amazon EC2**, enhancing reliability.
- **Streamlined** CI/CD pipelines with GitHub Actions, reducing deployment time by **50%**.

Sway - Educational Web Platform - [Link](#) / React.js, Recoil.js, Node.js, MongoDB

June 2024

- **Built** an educational platform for curated YouTube content, reducing search time by **40%** and boosting browsing speed.
- **Utilized** the **Llama3 AI model** to automatically generate a comprehensive roadmap for a given subject, achieving **100% automation**.
- **Integrated** YouTube Data API v3 to search for relevant content using the topics generated from the roadmap, streamlining the content discovery process.
- **Integrated** real-time messaging via **WebSockets**, reducing delivery latency by **50%** and enhancing chat responsiveness.
- **Deployed** the client app on an SSL-enabled domain using **Amazon CloudFront CDNs**, accelerating page load times by **70%**.
- **Configured** Docker for server-side deployments on **Amazon EC2**, ensuring scalability and stability.

Education

Maharaja Surajmal Institute

Bachelor of Computer Applications

Sep 2022 – Sep 2025

Janakpuri, Delhi

Kendriya Vidyalaya

Science with Computer Science

Jun 2009 – Jul 2022

Badarpur, Delhi