

Ishant Sikdar

Software Engineer

Delhi, India

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Technical Skills

Programming Languages: Java, Typescript, Javascript

Technologies: React, Recoil, Next, Spring Boot, Node, Express, Prisma, Tailwind CSS

Databases: PostgreSQL, MongoDB

Deployment: Git, AWS, Docker, CI/CD

Experience

Opalina Technologies

Nov 2023 – May 2024

Java Intern

Noida, Uttar Pradesh

- Worked on 2 client projects using Java on Spring Boot and MongoDB.
- Built and solved complex business logic, contributing around 60,000 lines of code.
- Faced challenges like sending Mails and SMS, generating CSV files, building MongoDB queries & aggregation pipelines using MongoClient, and configuring Push Notifications using Firebase.
- Utilized Core Java, Spring, Spring Boot, Spring Security, Hashing & Encryption, Multi-threading and MongoDB aggregations, and some AWS Services.
- Built efficient MongoDB Aggregation pipelines, resulting in 40% faster API response time.

Projects

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

July 2024

- eWallet System, aims to operate wallets like PayTM.
- Features include: Transfer funds between users; deposit and withdraw funds from external banks; and track fund movements.
- Consisting of 4 apps: user-end app (Next.js), Node.js webhook (to receive bank requests), React bank interface (spoof) and Node backend (spoof) for bank interface to mimick like a real bank system.
- Utilized PostgreSQL transactional queries with Prisma ORM to ensure consistent data.
- Used Turborepo as the build system orchestrator within a monorepo environment.
- Additionally, containerized each application using Docker to deploy in isolated environment
- Even setup CI/CD workflows for automated deployments using GitHub Actions.

Sway - Educational Web Platform - [Link](#) | *React.js, Recoil.js, Node.js, MongoDB, AWS, Docker, CI/CD*

June 2024

- A Web app for easy access to educational YouTube content using the YouTube Data API.
- Features include instant messaging using Websockets.
- Deployed Mobile resolution build on SSL enabled domain using Amazon Cloudfront CDNs for Client App.
- Deployed server-side app using Docker on Amazon EC2.
- Configured CI/CD Pipelines using GitHub Actions to consistently deploy both applications.

Education

Maharaja Surajmal Institute

Sep 2022 – Sep 2025

Bachelor of Computer Application

Janakpuri, Delhi

Kendriya Vidyalaya

Jun 2009 – Jul 2022

Science with Computer Sc. in Python

Badarpur, Delhi

Volunteer

Computer Society of India, Student Branch

April 2023 – Present

Frontend Developer

Maharaja Surajmal Institute

- Developed the frontend of a web portfolio using React.js and TailwindCSS.

Alumni Association Student Council

March 2024 – Present

Project Manager and Frontend Developer

Maharaja Surajmal Institute

- Led the development of the Alumni Cell's web portfolio, overseeing project planning and team coordination.