Ishant Sikdar

Full Stack Developer

Delhi, India

📞 +91 96676 38711 ✉ ishant9715@gmail.com 🌐 Portfolio in linkedin.com/in/ishantsikdar/ ⬡ github.com/ishantSikdar

Education

Maharaja Surajmal Institute   **Sep 2022 – Sep 2025**

Bachelor of Computer Applications   *Janakpuri, Delhi*

Kendriya Vidyalaya   **Jun 2009 – Jul 2022**

Science with Computer Science   *Badarpur, Delhi*

Experience

Opalina Technologies   **Nov 2023 – May 2024**

Back End Developer Intern   *Noida, Uttar Pradesh*

- Contributed to two client projects from inception, leveraging **Java, Spring Boot,** and **MongoDB**.
- Developed **REST APIs** and designed backend logic, contributing over **60,000** lines of code.
- Optimized MongoDB Aggregation pipelines, improving API response time by **40%**.
- Upgraded the **MongoDB schema** to enhance data consistency and simplification by 25%.
- Ensured **on-time delivery** of software solutions, adhering to all project deadlines.
- Resolved critical **software bugs**, enhancing product quality and reliability by **60%.**

Technical Skills

Programming Languages: Java, TypeScript, JavaScript
Back End: Spring Boot, Hibernate, Node.js, Prisma, Express.js
Front End: React.js, Recoil.js, Next.js, Tailwind CSS
Databases: PostgreSQL, MongoDB
DevOps: Git, AWS, Docker, CI/CD

Projects

Natural Disaster Data Distribution - Link / *Java, Spring Boot, Hibernate, PostgreSQL*   **Aug 2024**

- **Engineered** a real-time system from scratch for disaster-related media, retrieving and processing posts every **15 minutes** for timely updates on disaster-related content.
- **Integrated** with social media APIs like **Youtube Data API v3**, collecting posts, images, and videos with **95%** coverage of disaster-related hashtags.
- Designed data filtering and storage, **reducing** data retrieval time by **60%** and **ensuring** quick access to critical information.
- **Created** API endpoints for **streaming** data, supporting integration with other applications and enabling **real-time** updates.
- Implemented duplication detection mechanisms, **cutting** duplicate content by **80%** and **maintaining** data integrity.

eWallet System - Link / *TypeScript, Next.js, PostgreSQL, Prisma, Docker, CI/CD, Turborepo*   **July 2024**

- **Created** an eWallet System like PayTM, **reducing** development complexity by **30%** with a monorepo**.**
- Architected 4 apps (Next.js user-end, Node.js webhook, React bank interface, Node backend), **streamlining** development and testing.
- **Optimized** PostgreSQL queries with Prisma ORM, **boosting** transaction efficiency by **50%** and ensuring data integrity.
- Utilized Docker on Amazon EC2, **improving** deployment reliability and scalability.
- Established CI/CD with GitHub Actions, **cutting** deployment time by **50%**.

Sway - **Educational Mobile Web Platform** - Link / *React.js, Recoil.js, Node.js, MongoDB*   **June 2024**

- Built a platform for streamlined access to educational YouTube content, **reducing** content search time by 40% and **optimizing** browsing speed.
- Integrated real-time messaging using **WebSockets**, decreasing message delivery **latency** by 50% and enhancing chat responsiveness.
- **Deployed** the client app on an SSL-enabled domain using Amazon CloudFront CDNs, **optimizing** content delivery and **increasing** page load speed by **70%**.
- Utilized Docker for server-side app deployment on Amazon EC2, **ensuring** reliable and scalable application environments and **enhancing** overall stability.