

# Rupam Modak

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🌐 [mapur2.github.io/new\\_portfolio](https://mapur2.github.io/new_portfolio) 🐙 [github.com/Mapur2](https://github.com/Mapur2) 🎯 [leetcode.com/u/rupam\\_modak](https://leetcode.com/u/rupam_modak)

## Education

**Calcutta Institute Of Engineering And Management**

*Sept 2022 – June 2026*

*B.Tech in Computer Science and Engineering (CGPA: 8.17)*

**National Gems Higher Secondary School**

*Higher Secondary Education (Class XII: 87% Class X: 92.4)*

*April 2007 – May 2022*

## Experience

**Software Engineer Intern**

*June 2025 – Present*

*Gobdu Corporation*

- Contributed to React.js frontend and Node.js backend development with AWS services. Wrote unit tests, debugged APIs, supported deployments, and gained exposure to fintech, compliance, and real-world product development.

**Web Developer Intern**

*April 2025 – May 2025*

*Lilyport Global*

- Developed and integrated responsive user interfaces using React.js. Integrated GraphQL APIs for efficient data querying and mutation.

## Technical Skills

**Languages:** C, Java, Python, JavaScript, HTML/CSS

**Libraries/Frameworks:** React.js, Express.js, Next.js, Mongoose, Spring Boot

**DSA:** Solved 400+ problems across Leetcode and Codechef

**Database:** MongoDB, MySQL

**Developer Tools:** VSCode, Git, GitHub, Postman

**Technologies:** Supabase, RESTful APIs, Groq AI

## Projects

**FitLife - Fitness App**

[Github](#) 

- Developed a full-stack, **microservices-based** fitness application enabling users to track workouts and receive personalized, AI-driven recommendations.
- Designed a scalable back-end using Spring Boot and Spring Cloud, featuring separate services for user management, activity tracking, and AI recommendations, all managed through a central API Gateway and Eureka service registry.
- Built a modern, responsive frontend with React, Vite, and Tailwind CSS to provide a seamless user experience for tracking activities and viewing progress. **Tools Used:** SpringBoot, RabbitMQ, React js

**Inventory Management**

[Github](#) 

- This is a complete **MERN** stack application for managing inventory. It allows users to perform CRUD operations (Create, Read, Update, Delete) on products, manage a shopping cart, and **generate PDF** bills for transactions.
- The application features a responsive user interface built with React and styled with **Tailwind CSS**. It includes secure user authentication to provide personalized access and protect user data. **Tools Used:** MERN Stack

**The Square**

[Github](#) 



- A strategic, turn-based **multiplayer game** where each player assumes a unique role. Outsmart your opponents by planning your moves, managing doors, and using your special abilities. **Tools Used:** ReactJs, ExpressJs, Socket.io

**ThinkBack – Backend**

[Github](#) 

- Designed and implemented the backend for ThinkBack, a productivity and memory-augmentation app. Built RESTful APIs, automated daily reminders, and ensured smooth **backend-to-backend** communication. Developed an AI suggestion module to analyze past notes and generate intelligent task recommendations. **Tools Used:** Groq API, Node.js, Express.js, MongoDB, Cron

## Certifications

- **Introduction to MongoDB** – [coursera.org/account/accomplishments/verify/GFEM4PP7DS8V](https://coursera.org/account/accomplishments/verify/GFEM4PP7DS8V) 
- **Java Essentials** – [udemy.com/certificate/UC-fc11854d-a1c8-4332-a970-9330ef066a66/](https://www.udemy.com/certificate/UC-fc11854d-a1c8-4332-a970-9330ef066a66/) 
- **JavaScript Basics** – [coursera.org/account/accomplishments/verify/HK2939VM6W6S](https://coursera.org/account/accomplishments/verify/HK2939VM6W6S) 