

Harsh Priye

Full-Stack Developer

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Education

B.Tech - Computer Science (Mathematics and Computing)

Netaji Subhas University of Technology (NSUT)

2020 – 2024

CGPA: 7.63

AISSCE (CBSE Class 12)

Vishwa Bharati Public School

2019 – 2020

Score: 87%

Work Experience

Tata Consultancy Services (TCS)

1 year 1 month

(Jul 2024 – Present)

• Software Engineer

- Contributed to the development of secure and scalable RESTful APIs for Forex payments app.
- Orchestrated legacy mainframe database with Spring boot server, reducing data retrieval latency by 40%.
- Developed the frontend of a Forex payment application as part of a 6-member team.
- Focused on user-centric design and seamless user experience.
- Optimized frontend performance by lazy loading, caching and efficient state handling.

Tech Stack: Java, Spring Boot, JavaScript, React.js, Lit Element, Git, Azure

AulaCube Technologies

4 months

(Mar 2024 – Jun 2024)

• Frontend Developer Intern

- Created a comprehensive dashboard, for top level admin control of student's data.
- Fixed 30+ irresponsive UI issues on the AulaEdge website for small-screen devices.
- Introduced Tailwind CSS to the existing code base for faster and responsive styling.

Tech Stack: Typescript, React.js, Ant Design, Chart.js, Git.

Technical Skills / Tech Stack

Languages: Java, JavaScript, Typescript, Bash, SQL

Frontend: React.js, Next.js, Svelte, React-Native, Tailwind, Javascript, HTML, CSS

Server: Spring Boot, Node.js, Express.js, Socket.io, Kafka

Databases, ORMs/ODMs: MongoDB, MySQL, PostgreSQL, Hibernate/JPA, Mongoose, Prisma

CI/CD, Devops, Tools: Docker, Nginx, Github actions, YAML, Git, Linux

Projects

Codeboxes - Online Code Editor

(Java, SpringBoot, IPC, MongoDB, JWT, Next.js, Tailwind CSS, Docker, Github Actions)

- Developed a full-stack online code editor which supports 8+ major programming languages.
- Used Next.js for building frontend and UI.
- Created a REST CRUD API using Spring Boot following REST Maturity Model Level 2.
- Configured Spring Security for JWT based authentication and Authorization.
- Built a code-execution microservice with Bash & Docker, that communicates with the server via IPC.
- Implemented an end-to-end CI/CD pipeline using Github Actions for build, test and deploy automation.

Source: github.com/harshpx/Codeboxes , github.com/harshpx/codeboxes-server

Web url: <https://www.codeboxes.in>

Memoize Notes Web & Memoize Mobile App

(Next.js, Expo, React Native, Node.js, Express.js, MongoDB, JWT)

- Built a Full-stack, Cross-platform notes & reminders app with JWT authentication.
- Created a simple, neat and user-friendly UI with major focus on UX.
- Apart from robust CRUD, Implemented cross platform sync, and offline mode for Mobile devices.

Source: github.com/harshpx/memoize-v2 , [/memoize-mobile](https://github.com/harshpx/memoize-mobile) , [/memoize-server](https://github.com/harshpx/memoize-server)

Web url: <https://www.memoize.in>

Mobile app: github.com/harshpx/memoize-mobile/releases

Mini Tic-Tac-Toe - Online multiplayer tic-tac-toe game

(Socket.io, Express.js, Node.js, React.js, Tailwind CSS)

- Structured a WebSocket connection using Socket.io for building a low-latency server.
- Designed a robust lobby management and scoring system.
- Also implemented in-game chat using parallel socket connection between both clients.

Source: github.com/harshpx/tic-tac-toe-socket