

MUKESH PAPANNA

Full-Stack Web Developer

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SUMMARY

Aspiring full-stack developer with a strong passion for building clean, functional web applications. Currently expanding skills in advanced backend technologies such as WebSockets and applying test-driven development (TDD) principles to write reliable, maintainable code. A collaborative team player with strong communication and problem-solving skills, eager to contribute in Agile environments.

SKILLS

| Programming Languages | Frameworks And Libraries | Database Management | DevOps And Tools |
|-----------------------|--------------------------|---------------------|------------------|
| JavaScript | React.js | Prisma | Turborepo |
| TypeScript | Node.js | PostgreSQL | Docker |
| SQL | Tailwind CSS | MongoDB | Git |
| C | Jotai | SQLite | CI/CD |
| HTML/CSS | Next.js | | |

PROJECTS

Social Media App

[Link](#)

Tech Stack: React, Tailwind CSS, Express, MongoDB, Recoil, TypeScript.

- A real-time social media platform with customizable user profiles.
- Implemented RESTful APIs with Express and MongoDB to handle user data, authentication.
- Utilized Recoil for scalable and efficient state management across complex UI components.

Messenger

[Link](#)

Tech Stack: React, Tailwind CSS, Express, MongoDB, SocketIO, TypeScript.

- This is an extension of Social Media App. Here you can chat with your friends from connect
- Implemented RESTful APIs with Express and MongoDB to handle user data, authentication.
- Utilized Socket.IO for real time communication.

Portfolio Website

[Link](#)

Tech Stack: React, Tailwind CSS

- A personal site to showcase projects, skills, and contact information.
- Designed and built a fully responsive portfolio to present development projects and technical skills.

Payments App

Tech Stack: Turborepo (monorepo), Next.js, Express, Tailwind CSS, Prisma, TypeScript

- A digital wallet application that allows users to transfer money from their bank accounts and send funds to others.
- Built a scalable monorepo architecture using Turborepo to manage both frontend and backend efficiently.
- Integrated bank-to-wallet fund transfers and peer-to-peer transactions with robust error handling and validation.
- Used **Zod** for schema validation and end-to-end type safety. Integrated **Auth.js** for secure and flexible user authentication.

EDUCATION

- **Certification: CS50x** by Harvard University
- **Degree: Bachelor of Commerce**

June 2024 - Nov 2024
July 2019 - Sep 2022