

# Tejas Navadkar

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## Profile

Aspiring MERN Stack Developer focused on building full-stack web applications with modern technologies.

## Projects

### Shopzy | React, Redux Toolkit, Redux Thunk, Passport.js, Nodemailer, Express, MongoDB, Express Rate Limit [link](#)

- Built a responsive e-commerce app with separate user and admin modules.
- Managed state & async API calls using **Redux Toolkit & Redux Thunk**; executed product listing, cart, sorting, and filtering.
- Enhanced authentication security with **Passport.js** & email workflows using **Nodemailer**, including protected routes.
- Improved form handling and maintainability by **30%** using **React Hook Form** & added **Error Boundary** for UI stability.
- Created **RESTful APIs** and **MongoDB models** with a custom Express.js backend.
- Architected backend **rate limiting** using **Express rate limiter** to mitigate brute-force attacks and API abuse through IP-based controls.

### Medium | React.js, TypeScript, Tailwind CSS, Hono, Cloudflare Workers, Recoil, Zod, Prisma, PostgreSQL [link](#)

- Developed a full-stack blogging platform using a **serverless architecture**.
- Applied **JWT-based authentication** and input validation using **Zod** and **Recoil** for state management.
- Used **Prisma** ORM with **PostgreSQL** and optimized database access via **connection pooling**.
- Published a reusable custom **NPM** module for shared frontend-backend utilities.

### Pic-Perk | Node.js, Express.js, MongoDB, Embedded JavaScript (EJS), Tailwind CSS [link](#)

- Built a full-stack image-sharing platform with user authentication, image upload, download, deletion, and discovery features.
- Expanded RESTful APIs for smooth client-server communication, ensuring responsive user interactions.
- Crafted a responsive UI using **Tailwind CSS** for cross-device compatibility.
- Enforced MongoDB models with **Mongoose** for efficient data management.

### PayFlow | React.js, Tailwind CSS, JavaScript, MongoDB, Mongoose, Zod [link](#)

- Built a full-stack money transfer application with React frontend and **Express backend** for secure financial transactions.
- Utilized JWT-based authentication and session management to ensure secure user access.
- Designed MongoDB models with Mongoose and leveraged database transactions for atomic operations and reliability.
- Validated inputs using **Zod** and Used **Axios** for efficient frontend-backend API communication.

## Achievements

### Full Stack Web Development Cohort 2.0 - 100xdevs

- Completed **Full Stack Web Development Cohort 2.0** at 100xdevs.
- Learned and gained practical experience through building full-stack projects.
- Built multiple production-ready applications under the mentorship of Harkirat Singh and earned certification.

## Technical Skills

- **Languages:** HTML, CSS, JavaScript (ES6), TypeScript, DOM, EJS, SQL
- **Front-end:** React, Redux Toolkit, TanStack Query, Recoil, React Hook Form, Tailwind CSS, React Beautiful DnD
- **Backend:** Node.js, Express.js, REST APIs, Multer, Passport.js, Nodemailer, Hono, Zod, Express Rate Limit
- **Database & ORM:** MongoDB, Mongoose, PostgreSQL, Prisma
- **Other Services:** Git & GitHub, Postman, Docker, Cloudflare Workers, AWS, Appwrite, Jest, Vitest

## Education

### Savitribai Phule Pune University

BCA – 8.04 CGPA

Pune

2020--2023