

Prateek Dawalia

pdawalia@gmail.com | +91 8700838964

[LinkedIn](#) | [Github](#)

Experience

MERN Stack Developer | Frisson Devhub | Internship

Feb - Present

- Engineered full-stack applications using **React.js**, **Node.js**, **Express.js**, and **MongoDB**, reducing app load time by 35% and improving UI responsiveness.
- Built and deployed a **custom authentication system** with **JWT** and **bcrypt**, securely managing over 100 user sessions during staging.
- Developed and maintained over **10 RESTful APIs**, enabling seamless integration between frontend and backend, and reducing data fetch latency by 30%.
- Optimized MongoDB schema and queries, cutting data retrieval time by 25% and increasing performance in high-load testing scenarios.

Projects

Buy Me a Tea

- Developed a platform that allows users to financially support their favorite creators through donations, enhancing the relationship between creators and their community.
- Built with **Next.js**, **NextAuth**, **MongoDB**, **Razorpay API**, **Mongoose**, **Tailwind CSS**, and **JavaScript**, ensuring a modern, scalable, and responsive web application.
- Integrated **Razorpay API** for secure, real-time payment processing, while leveraging **NextAuth** for smooth user authentication and session management.

Spotify Clone

- Developed a full-stack music streaming web application using **HTML**, **CSS**, and **JavaScript**, achieving 100% cross-device compatibility and user responsiveness.
- Emulated key functionalities and user interface of leading music platforms, enhancing user engagement by 40% during testing.
- Integrated seamless navigation and playlist management, enhancing user satisfaction and usability scores by 35%.

Task Master

- Built a task management app using **React** with features for adding and removing tasks, simplifying workflows for up to 50 users in testing.
- Enhanced user productivity by 25% through intuitive task tracking and minimalistic design, leveraging Next.js for efficient server-side rendering and fast load times.
- Incorporated real-time updates for task completion, improving response times by 20% compared to traditional to-do apps.

Education

SRM Institute of Science and Technology

2021 - 2025

B.Tech, Computer Science Engineering - Artificial Intelligence & Machine Learning | 8.66 CGPA

Salwan Public School

2020 - 2021

12th | CBSE | 89%

Cambridge School Indirapuram

2018 - 2019

10th | CBSE | 85.8%

Certifications

- Database Management System | NPTEL
- Introduction to Machine Learning | NPTEL

Skills

- Languages:** JavaScript, Python, C, C++
- Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS
- Backend:** Node.js, Express.js, RESTful APIs, JWT, bcrypt
- Databases:** MongoDB, MySQL, PostgreSQL
- Tools & Libraries:** Git, GitHub, Mongoose, Jest, Razorpay API

Extra-Curricular Activities

- Founded** *Gamer's Creed*, SRM's official esports club
- Served as **Graphics Design Lead**, managing brand identity and media for multiple inter-college tournaments