PADMANABAN M

Aspiring Full-Stack Developer

Personal details: -

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GitHub: https://github.com/Pad-coder

Skills Summary: -

Aspiring Full Stack Developer with a strong foundation in HTML, CSS, JavaScript, React.js, and Node.js. Passionate about building efficient, scalable, and user-friendly web applications. Seeking opportunities to leverage my technical skills and knowledge to contribute to a dynamic development team.

Skills: -

- **Frontend**: HTML, CSS, JavaScript (ES6+), React.js, Redux Toolkit, React Query, Bootstrap, Tailwind CSS
- **Backend**: Node.js, Express.js, C++(Basics), MongoDB, Mongoose
- **Database**: MongoDB, SQL (MySQL)
- **Version Control**: Git, GitHub
- **Deployment**: Netlify, Vercel, Render
- **Others**: JSON, JWT Authentication, npm, RESTful APIs,
- **Common skill:** Communication,
- **Language:** Tamil, English

Education: -

School: Jai Gopal Garodia National Hr. Sec. School, Tambaram, Chennai.

Group: Arts Group Computer application, HSC 2020 Passed Out

College: Kongunadu arts and science college, Coimbatore**.**

Degree: B. A. English literature, 2024 Passed Out

Courses: Full Stack Development Course in Guvi IITM.

Certificate: -
Zen Class Full Stack Developer Program
Credential Link: www.guvi.in/verify-certificate?id=9HM742194F727V9vw9

HTML5
Credential Link: www.guvi.in/verify-certificate?id=7222qew4J1n97rj997
Bootstrap
Credential Link: www.guvi.in/verify-certificate?id=9X997179viIpw272l4

CSS3

Credential Link: www.guvi.in/verify-certificate?id=21Wz9cMA24n7Od9797

JavaScript

Credential Link: www.guvi.in/verify-certificate?id=9294wX5B2U79g177NO

Node.js

Credential Link: www.guvi.in/verify-certificate?id=2wz2i4oXtKx9799717

MongoDB

Credential Link: www.guvi.in/verify-certificate?id=9211UL492b779oBxh7

MySQL

Credential Link: www.guvi.in/verify-certificate?id=7921967V24XMjK79wG

Additional certificate: -

ChatGPT for Everyone
Credential Link: https://www.guvi.in/share-certificate/r331h20n7u08FUL132

Experience: -

- Integrated **MongoDB** databases for scalable data storage solutions and optimized API queries for faster data retrieval.
- Implemented authentication using **JWT** and user management features like registration, login, and profile updates.

Projects: -

Social Media Web APP (Chatspace)

GitHub Repository: https://github.com/Pad-coder/Chatspace

Tech Stack: React .js, Tailwind CSS, Node.js, Express, MongoDB, Mongoose
This is a beginner-level full-stack chat application with real-time messaging, user authentication, profile management, and post interactions.
This project is built with separate frontend and backend architectures, implementing essential social media and chat features.

Frontend Features:

User authentication (Login, Sign Up, Logout)
Profile management (Create, Update, Delete Profile)
Post creation (Text, Image)
Post interactions (Like, Comment, Delete Post)
Real-time notifications for likes and comments
Real-time messaging using Socket.IO

Backend Features: -

User Authentication: Users can sign up, log in, and log out securely. JWT is used for session management, and passwords are hashed using bcrypt.
Profile Management: CRUD operations on user profiles, allowing users to create, edit, or delete their profiles.
Post Handling: Supports creating, deleting, and editing posts, with file uploads for text and images.
Real-time Messaging: Implemented using Socket.IO for real-time one-to-one messaging.
Notification System: Notifications are triggered when posts are liked or commented on.
Data Storage: MongoDB with Mongoose for schema-based document storage.
Secure Passwords: Passwords are hashed using bcrypt before saving to the database.

Mentor-Student Assigning (Backend)

GitHub Repository: https://github.com/Pad-coder/Student-mentor-task

A simple system built using Node.js, Express, and MongoDB to manage mentors and students.

The system provides APIs for creating mentors and students, assigning students to mentors, and managing relationships between them.

Features:
Create Mentors, Create Students, Assign Students to Mentors (Multiple students to a single mentor), Change or Reassign Mentor for a Student, view all Students for a specific Mentor, List available students (those without mentors), View the previously assigned mentors for a Student.

Declaration: -

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Padmanaban M
Location: Urapakkam