TUSHAR PACHOURI

Mathura, Uttar Pradesh

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Technical Skills

Languages: HTML/CSS, JavaScript
Frameworks: ReactJS, Vite, NodeJS, ExpressJS, Bootstrap
Database: MongoDb
Developer Tools: Figma, BootStap Studio, VS Code, WebStorm, Pycharm, Apache
Technologies: GitHub, WordPress, Wix

Relevant Coursework

- Full Stack Development
- Node.js
- React.js
- Express.js
- Backend Development
- Database Management System
- Server-side Scripting with Node.js

Projects

Video Streaming Application API | *Node.js, MongoDB, JWT, bcrypt, Cloudinary* 🌐
- Developed a video streaming application from scratch, allowing users to create accounts, upload videos, and customize their profile with avatar cover photos.
- Utilized MongoDB as the database to store user information, including usernames, hashed passwords, uploaded videos metadata, and cloudinary image URLs.
- Implemented secure user authentication and authorization using JSON Web Tokens (JWT) and bcrypt to protect user credentials and control access to restricted endpoints.
- Integrated Cloudinary API for storing and serving videos and avatar cover photos, ensuring scalability and efficient delivery of multimedia content.
- Designed RESTful APIs for user registration, login, video uploading, profile customization, and fetching video content.
- Employed error handling and validation techniques to enhance the robustness and reliability of the application.

Email-Sender | *Node.js, React, Vite, Yarn* 🌐
- Developed a web application allowing users to send emails using Nodemailer in Node.js.
- Designed and implemented a user-friendly interface using React, Vite, and Yarn.
- Implemented secure authentication and authorization mechanisms for user accounts.
- Utilized modern web development technologies to create a responsive and efficient application.

Restaurant Order Management System | *Go, Gin, MongoDB* 🌐
- Developed an order management system utilizing Go and Gin framework for backend development and MongoDB for data storage.
- Implemented RESTful APIs for creating, retrieving, updating, and deleting orders, allowing users to manage their orders efficiently.
- Utilized MongoDB to store order details such as dish, price, server, and table information.
- Employed error handling mechanisms to enhance the reliability and robustness of the application.

E-commerce API | *Node.js, Express.js, MongoDB* 🌐
- Built a comprehensive API using Node.js, Express.js, and MongoDB to facilitate e-commerce operations.
- Implemented various endpoints for buyer and seller functionalities, including registration, login, profile management, and product interactions.
- Implemented a Model-View-Controller (MVC) architectural pattern to organize and manage the codebase effectively.
- Designed and developed API routes for handling CRUD operations on buyer and seller profiles and products.
- Utilized JSON Web Tokens (JWT) for secure authentication of buyers and sellers.
- Integrated MongoDB as the backend database for efficient storage and management of user and product data.

Achievements

- Smart India Hackathon — April 2022: Our team was selected for the National Round in the Smart India Hackathon.
- Top Performer — Coding Ninjas, Feb 2023: Achieved an Excellence Certificate for being a top performer in Coding Ninjas.

Education

Lovely Professional University   **Sep. 2020 – June 2024**
Bachelor of Technology in Computer Science   *Phagwara, Punjab*

Kendriya Vidyalaya Mathura Cantt   **July 2019 – March 2020**
Higher Secondary   *Mathura, Uttar Pradesh*