TUSHAR PACHOURI

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Technical Skills

Languages: HTML/CSS, JavaScript, CPP, Python, GoLang
Frameworks: ReactJS, Vite, NodeJS, ExpressJS, Bootstrap, Tailwind CSS
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

BlogWebsite | *React, Node.js, MongoDB, JWT, bcrypt, Cloudinary, Gemini AI* ⬤

- Developed a full-stack blog website allowing users to register, log in, create posts, manage profiles, and interact with various functionalities.
- React and Vite for responsive client-side UI, enabling seamless user interactions and dynamic content rendering.
- Implement server-side logic with Node.js and Express, handling HTTP requests, user authentication, and integrations.
- Used MongoDB for storing user data, blog posts, and metadata, ensuring efficient data management and scalability.
- Integrated JWT and bcrypt for secure user authentication, protecting credentials and restricting access.
- Utilized Cloudinary for storing and serving multimedia content, ensuring scalability.
- Integrated Gemini AI for automatic post content generation, enhancing user experience and content creation assistance.
- Designed RESTful APIs following best practices for user registration, login, post creation, profile management, and content retrieval.
- Implemented error handling and validation techniques for robustness and reliability.

Video Streaming 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.

More Web Development Projects | *Node.js, GoLang, MongoDB, JWT, bcrypt, Cloudinary*

- **Email-Sender** | *Node.js, React, Vite, Yarn* - Web application allowing users to send emails using Nodemailer. ⬤
- **E-commerce API** | *Node.js, Express.js, MongoDB* - Comprehensive API for e-commerce operations with buyer and seller functionalities. ⬤
- **Restaurant Order Management System** | *Go, Gin, MongoDB* - Order management system with RESTful APIs for creating, retrieving, updating, and deleting orders. ⬤

Achievements

- Smart India Hackathon — April 2022: Our team was selected for the National Round in the Smart India Hackathon.
- Solved over 300 coding problems, demonstrating expertise in algorithmic problem-solving and programming concepts.

Education

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

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