Divyesh Butani

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Portfolio: Divyesh Butani

Career Objective:

To leverage my expertise focusing on Node.js, TypeScript, MongoDB, and SQL, to design and implement high-performing and scalable applications. Eager to continue learning new technologies, optimizing system architectures, and contributing to organizational growth through reliable, secure, and efficient solutions.

Education:

Bachelor of Technology – Information Technology (2020 – 2024)   CGPA: 8.43
CSPIT, CHARUSAT   Changa, Gujarat, India

Higher Secondary Education (2018 – 2020)   Percentage: 80%
Ashadeep IIT   Surat, Gujarat, India

Skills:

Languages & Frameworks: Node.js, TypeScript, MongoDB, Express.js, TypeORM, OAuth, MySQL
APIs & Integrations: RESTful APIs, OAuth Authentication, WebSockets, Socket.IO, Third-party
Tools & Technologies::   Visual Studio Code,Git, Postman, Gitlab and more
Logical Reasoning: Problem-solving, analytical thinking, data interpretation.

Projects:

College ERP

- A Node Express project with authentication, role management, and analytics features.

- Manages staff, student, and department data, providing attendance tracking and analytics.

- Incorporates robust REST endpoints for CRUD operations, ensuring efficient data management.

- Implements role-based access control and authentication mechanisms for enhanced security.

Chat Website

- Web-based application to chat with others, developed for learning purposes.

- Allows multiple users to join chatrooms using unique room IDs.

- Implements real-time communication using WebSockets or Socket.IO.

- Incorporates user authentication and authorization mechanisms.

- Offers features like private messaging, send location.

Weather Website

- Web-based application using Node.js and APIs, created as a learning endeavour.

- Implemented features to fetch and display real-time weather data based on user location.

- Integrated third-party APIs to obtain accurate weather information.

- Utilized asynchronous programming techniques to ensure smooth data fetching and rendering.

Activity Scheduling

- Web application to provide an optimal timetable solution with the minimum number of clashes between slots.
- Utilizes algorithms and data structures to generate efficient schedules.
- Incorporates user-friendly interfaces for input and visualization of schedules.
- Based on user input create downloadable PDF timetable files.
- Implements caching and performance optimization techniques for seamless user experience.

Professional Experiences:

Pluto-men Technologies Private Limited | Backend Developer   18th Sep – Present [2023 –]

- Learned and worked on live projects in TypeScript and Mongodb.
- Converted PHP (Laravel) code to Node.js (TypeScript) code, ensuring seamless data migration.
- Developing robust APIs, database optimization, Integrating third-party services, including OAuth authentication and real-time data processing.
- Working on the **RAG-chatbot project**, focusing on enhancing chatbot responses and integrating AI-driven features.
- Participating in crossfunctional team collaborations to ensure scalability, maintainability of solutions.
- Employed best practices for code maintainability, performance, and security.

Web Vedant Technology | Web Developer Intern   24th May – 17th June [2023]

- Developed small-scale projects in Node.js, focusing on CRUD operations and API integration.
- Implemented RESTful APIs for data management and communication between client and server.
- Utilized popular Node.js frameworks and libraries, such as Express.js and Mongoose.
- Practiced version control using Git and collaborated with team members via code repositories.
- Implemented authentication and authorization mechanisms to secure web applications.

Web Vedant Technology | Web Developer Intern   19th May – 30th June [2022]

- Learned PHP and MySQL administration during the internship.
- Developed CRUD (Create, Read, Update, Delete) applications using PHP and MySQL.
- Implemented form validation and data sanitization techniques to ensure secure user input handling.
- Utilized Object-Oriented Programming (OOP) concepts and design patterns in PHP.
- Practiced database design and normalization principles for efficient data storage and retrieval.

Certificate:

- Research paper publication at ICOECA 2023.
- Participated in Azadi ka Amrit Mahotsav Hackathon.
- Server-side development with Node.js, Express and MongoDB by The Hong Kong University of Science and Technology.
- Participated in different collage events.
- Participated in G3Q and secured the 3rd winner position in the region.