Brijesh Mourya

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EDUCATION

Manipal University Jaipur (MUJ)   Rajasthan, INDIA
Bachelor of Computer Application (**CGPA**:7.9/10.0)   **August 2020 - July 2023**

ACA Jaipur School   Rajasthan, Jaipur, INDIA
Class XII, Major in Mathematics, Physics and Chemistry (72%)   **March 2019 - April 2020**

ACA Jaipur School   Rajasthan, Jaipur, INDIA
Class X, (81%)   **March 2017 - April 2018**

SKILLS

Languages: JavaScript, TypeScript, Java, Kotlin(Intermediate), HTML, CSS
Technologies/Frameworks: Node.js, express.js, REST, React.js, Next.js, Tailwind CSS
Databases: MongoDB, MySQL, Firebase
Platforms/Tools: Windows, Visual Studio, Android Studio, Figma(UI/UX), Intellij IDE
Other Skills: Object Oriented Programming, Data Structures, Computer Networks, Git, GitHub, API Development

INTERNSHIPS

Tech Innovators Inc.   Remote, INDIA
Front-End Developer   **January 2021 - August 2021**

Worked as part of a team to develop responsive web applications using React.js and Tailwind CSS. Collaborated closely with designers and back-end developers to create seamless user experiences. Assisted in code reviews and contributed to performance optimization efforts.

Digital Ventures LLC   Remote, INDIA
Full-Stack Developer   **November 2022 - April 2023**

Collaborated with a team to design and implement full-stack solutions using Node.js, Express, and MySQL. Developed RESTful APIs and integrated them with front-end applications built with React.js.

PROJECTS

Tour Booking System API | Link

This project is a **Node.js** and **Express. js-based backend** for a tour booking system. It uses **MongoDB** for data storage and showcases:
- **Data Aggregation:** Implemented in `controllers/tourController.js`, it uses MongoDB's **aggregation pipeline** for complex data transformation.
- **Geospatial Queries:** The system can **find tours within a certain distance from a point** and calculate distances to all tours, as seen in the `getToursWithin` and `getDistances` functions.
- **Middleware and Security:** The `app.js` file uses middleware for tasks like **logging and request data modification**, and implements security measures like **rate limiting**, **data sanitization**, and HTTP parameter **pollution prevention**.

VidBrief: Summarizing YouTube with AI | Link

- Led the creation of VidBrief, a web application that uses **Google's AI to turn YouTube videos into short summaries**. This project required a deep understanding of AI and machine learning concepts, and the ability to apply these in a practical, user-friendly application.
- To ensure a smooth user experience, I implemented **asynchronous processing and caching**. This allowed the application to handle multiple requests at once and store frequently requested video summaries, improving the application's performance.
- The application was built using **TypeScript**, **React**, and **Node**.js, and integrated with the **YouTube Data API and Google AI Studio Gemini API**. This required a good understanding of these technologies and APIs, and the ability to integrate them into the application effectively.

CO-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Developed a personal **portfolio** website showcasing my skills and projects (Next.js)
- Participated in the "**TECH-A-THON**" and built a web application (MERN stack) to Edit Videos and Photos.
- Recipient of School/Workplace **Recognition Award** for **Reliability and Time Management** (Demonstrated consistent on-time arrival and commitment to meeting deadlines)

CERTIFICATIONS

- React - The Complete Guide 2024 (incl. Next.js, Redux) (Udemy)
- Node.js, Express, MongoDB & More: The Complete Bootcamp (Udemy)
- The Complete Android 15 Course -Build 82 Apps [Java& Kotlin] (Udemy)