JAY SHAH

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SKILLS

Languages:	HTML5, CSS, JavaScript, Python
Frameworks/ Libraries:	React.js, Redux, Express.js, Bootstrap, MUI, Flask
Backend/Runtime:	Node.js, RESTful APIs, JWT
Databases:	MongoDB, MySQL, PostgreSQL
Tools / Cloud / Other:	Git, GitHub, VsCode, AWS, Jupyter, Tableau, AJAX, phpMyAdmin
Soft Skills:	Organizational, Verbal Communication

WORK EXPERIENCE

Marketix - Junior Full Stack Developer   January 2021 - October 2023

Ahmedabad, India

- Developed 10+ dynamic client websites using the MERN stack, enhancing functionality and customer engagement by 25%.
- Optimized RESTful APIs, reducing response latency by 30% and improving system responsiveness and reliability.
- Reinforced application security by implementing multiple validation strategies, decreasing vulnerability to common exploits.
- Architected and organized 10+ MongoDB databases to boost query performance and simplify data access.
- Conducted over 130 unit tests across UI and backend components, enhancing system stability and reducing post-launch defects.

Marketix - Intern   October 2020 - December 2020

Ahmedabad, India

- Translated UI wireframes into fully responsive interfaces using contemporary web tools, ensuring compatibility across all devices.
- Incorporated React Router and Redux to enable fluid navigation and robust state management.
- Constructed backend logic with Express.js and Node.js, streamlining data operations and minimizing processing lag.
- Utilized MongoDB and MySQL to refine data persistence methods, reducing query duration by 25%.
- Deployed JWT-based authentication to block unauthorized access and fortify overall system integrity by 85%.

PROJECTS

Startup KPI Tracker - **React.js, Node.js, Express.js, MongoDB, JWT, Tailwind CSS** - (**GitHub Link**)

- Crafted a comprehensive KPI dashboard tailored for SaaS companies, featuring secure login, real-time metric visualization (MRR, CAC, churn), mock data population, smart filtering, and CSV export for insightful performance tracking.

Audio Summary Generator – React.js, Node.js, Express.js, AssemblyAI, Google Gemini API, Tailwind CSS - (**GitHub Link**)

- Created a full-stack application enabling users to upload audio files, transcribe them via AssemblyAI, and generate Gemini-powered, human-like summaries with iterative refinement and live UI feedback.

AI Code Reviewer – React.js, Node.js, Express.js, Tailwind CSS, Google Gemini API - (**GitHub Link**)

- Built an AI-driven code review platform where users can submit code and receive structured Gemini-based feedback highlighting bugs, enhancements, and best practices that rendered with clean Markdown and adaptive design.

EDUCATION

Arizona State University - **Master of Science, Information Technology**

Jan 2024 – Present | GPA: 4.0 / 4.0

Vishwakarma Government Engineering College, GTU - **Bachelor of Engineering, Electrical Engineering**

June 2016 – Aug 2020 | GPA: 3.6 / 4.0