Jeel Patel

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EDUCATION

M.S. in Software Engineering, California State University Northridge | 05/2024 | Northridge, CA

Relevant Coursework: Machine Learning, Data Mining, Object Oriented Software Development, Software Engineering Management, Advanced Web Engineering

B.E. in Information Technology, Silver Oak College | 07/2021 | Gujarat, IN

Relevant Coursework: Data Structures, Operating System, Computer Networks, Analysis and Design of Algorithms, Database Management System, Web Development

EXPERIENCE

Software Engineer, QIQMSB INC | 09/2024 to Present | Northridge, CA

Developed and maintained internal management software for optimizing business operations and enhancing system functionality. Collaborated with cross-functional teams to deliver solutions that improved efficiency across inventory, reporting, and ticket management systems.

- Revamped internal management software using .NET C#, jQuery, and Microsoft SQL, improving system usability and efficiency for end-users.
- Automated report generation with Microsoft Reports Builder, reducing manual effort by 80%, eliminating calculation errors, and increasing management productivity by 25%.
- Designed and implemented multi-location inventory and ticket management features, enabling accurate cost estimations for clients and streamlining operational workflows.

Web Developer Intern, Orbanni LLC | 05/2024 to 09/2024 | Northridge, CA

Contributed to revamping and optimizing the company's web presence, enhancing user experience and implementing features to streamline marketing and content management. Worked with a variety of technologies to improve site functionality, security, and engagement.

- Redesigned and enhanced the company's Shopify website by implementing interactive UI elements, improving overall user experience and boosting site engagement.
- Developed and launched a dynamic blog platform using React.js, Tailwind CSS, and Firebase, providing a scalable and interactive content management system.
- Automated marketing processes by creating scripts to refine customer contact data and deliver targeted SMS messages via Twilio APIs, improving customer outreach and engagement.

Software Developer, ARCS CSUN | 06/2023 to 01/2024 | Northridge, CA

Contributed to the development of a mobile application for athletes, providing data analysis from various wearable devices through a unified interface. Collaborated with a cross-functional team to design, develop, and optimize the app's core functionalities.

- Developed core database functionalities for the React Native based app, integrating Firebase authentication and Firestore database services.
- Implemented key UI components, leveraging Redux and LocalStorage for efficient state management, which optimized data fetching processes and enhanced app performance.
- Designed the Database Schema, ensuring efficient data storage and retrieval; implemented robust Error Handling and validation mechanisms, enhancing app reliability.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, C#
Frameworks/Libraries: React js, Next js, Node js, Express js, React Native, GraphQL, Puppeteer, TailWind, Jest, .NET
Databases: MongoDB, MySQL, Firebase, Redis   **AI Assist Tools:** Ollama, Codeium, CoPilot, Cursor AI
DevOps: AWS, Docker, Git Version Control, GitHub, Jenkins

PROJECTS

ToolsAI – AI-Powered Task Automation Extension for Raycast

- Developed ToolsAI, a Raycast extension using React, that enables users to create custom Python tools for automating tasks like downloading videos or posts.
- Integrated OpenAI-compatible API (local Ollama) to interpret user prompts and automatically select the appropriate tool to execute tasks, streamlining workflow automation.
- Provided users with a flexible, AI-driven environment to easily extend and automate complex tasks through custom tool scripts.