David Kozdra

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EXPERIENCE

Jr Full Stack Developer | Z-Axis Solutions
August 2022 - Present, Winter Haven

• Expanded 30+ REST API endpoints within a Node JavaScript back-end, to gather data from the database to the front end.
• Guided a team of 5 engineers in successfully delivering an educational event application, overseeing system infrastructure development, customer deliverables, and implementation.
• Implemented 10+ features including Chat, automated emails, and database to CSV to increase overall efficiency and accounted for a user friendly interface.
• Conducted rigorous testing by executing 20+ queries on a NoSQL database and exhaustively validating endpoints through Postman, ensuring robust functionality and performance.
• Guided interns in coding best practices, accessibility standards, and effective troubleshooting methods through interactive mentoring sessions.

Frontend Engineering Intern | Bridxe
February 2023 - August 2023, Remote

• Presented data visualizations for the leadership team, fetching data from servers using Chart JS and React Components.
• Enhanced data fetching by 12% through developing a financial data API dropdown component.
• Interfaced in weekly team meetings, fostering collaboration and requirement deliberation.
• Increased the coverage of Python server API to include 20+ financial reporting platforms.

Backend Engineering Intern | FlightTM
June 2021 - October 2021, Remote

• Implemented robust authentication and authorization systems, fine-tuning database queries for improved responsiveness, and assisting in the creation of efficient API endpoints.
• Participated in the development of core features, optimizing database performance, and contributing to API design to enhance use engagement.
• Documented codebase and technical details, aiding team collaboration and future reference.
• Participated in knowledge-sharing sessions, fostering team skill growth and tech awareness.

PROJECTS

Zones Promo Applications | Z-axis Solutions
April 2023 - June 2023

• Programmed 20+ routes utilizing a MERN (MongoDB, Express.js, React, Node.js) event application framework.
• Engineered a permissions settings system using Node.js, ensuring secure access control.
• Enhanced project accessibility following WCAG guidelines, incorporating features such as tab index, color selection, and focus selectors.
• Designed and integrated React modals, pages, components, and styles to optimize user experience.
• Collaborated with the team to drive front-end and back-end development, fostering efficient cross-functional workflows.

Cork Board | Personal
March 2022 - April 2022

• Led the creation of a component-based UI elements to optimize page layout and user experience to optimize customer experience.
• Devised an efficient schema using NoSQL Mongo Compass for streamlined data organization including 5 document types.
• Created a robust REST API that linked user data with posts, enhancing digital board functionality.
• Delegated tasks to a team of 4 developers to organize project requirement delivery.

EDUCATION

Bachelor of Computer Science | Florida Polytechnic University
Minor in Software Engineering , 3.4, Lakeland, Fl, 2023

CERTIFICATIONS

W3C Verified Certificate for Introduction to Web Accessibility | Edx
2023
showcasing proficiency in creating accessible web experiences for a diverse user base.

Certified in Cybersecurity(CC) | (ISC)²
2023
Demonstrating expertise in security practices and principles.

SKILLS

MongoDB, Express, React, Node, SQL, C#, HTML,CSS,WordPress, PHP, linux, Git, Jira, Trello, Adobe Suite