David Kozdra

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EXPERIENCE

Software Engineer | Red Chip
December 2023 - Present, Maitland Florida

- Developed 10+ REST API endpoints using Flask Python, enhancing security and data aggregation from various sources including Google Excel, Edgar SEC, OpenAI, MySQL database , and Salesforce.
- Utilized React.js, HTML, PHP,and CSS to optimize site performance, reducing site size by over 50% and improving functionality.
- Spearheaded efforts to enhance security, accessibility, SEO, and interface design, resulting in 30-point increase across widely-used website metric platforms.
- Designed AWS architecture for RAG enabled LLM chatbot project, integrating 1000+ external documents to enhance client knowledge.
- Managed a team of 4 other developers overseeing the successful delivery of various projects and product requirements.

Software Developer Contractor | Red Meters
October 2023 - November 2023, Orlando, Florida

- Updated user interface with icons, color changes, and theming in Vue.js and React to enhance clarity and simplicity for end-users.
- Maintained AWS services including EC2 servers, App Runner, User Pools, and Amplify, ensuring security and server reliability through environment variable adaptation and IAM access controls.
- Managed Linux servers for 20+ customer devices, handling deployment, configuration, and maintenance.
- Executed SQL commands for efficient addition, storage, and categorization of new users, vital for internal sales demos.
- Created internal QA forms and documentation using HTML, CSS, and Markdown to ensure thorough record-keeping of processes, product issues, and feature requests.

Jr Full Stack Developer | Z-Axis Solutions
August 2022 - September 2023, Winter Haven

- Expanded 40+ 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 20+ features, including Chat, automated emails, and database to CSV, to boost overall efficiency and performance with React.js best practices, such as render virtualization and memorization.
- Practiced Test-Driven Development (TDD) and conducted rigorous unit testing, executing 20+ queries on a NoSQL database, and thoroughly validating endpoints through Postman and Jest. This ensured robust functionality and performance.
- Guided interns in coding best practices, accessibility standards, and effective troubleshooting methods through interactive mentoring sessions.

Front End Engineering Intern | Bridxe
February 2022 - August 2022, Remote

- Delivered data visualizations to the leadership team, extracting data from servers using Chart.js and React Components to provide valuable insights and decision-making tools.
- Oversaw a 12% improvement in data fetching efficiency by developing a financial data API drop down component, streamlining access to critical information.
- Participated in weekly team meetings, fostering collaboration and contributing to requirement deliberation.
- Expanded the Python server API's coverage to encompass over 20 financial reporting platforms, broadening the system's reach and capabilities to meet diverse business needs.
- Managed and maintained 3 individual AWS EC2 instances and connections.

EDUCATION

Bachelor's Degree of Computer Science | Florida Polytechnic University
Minor in Software Engineering , 3.4 GPA, 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, AWS , SQL, HTML,CSS,WordPress, PHP, Python , Linux, Git, Jira, Adobe Suite