

David Kozdra

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EXPERIENCE

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

- Developed 20+ REST API endpoints using Flask Python and Node.js, enhancing security and data aggregation from various third party APIs including Google sheets, Edgar SEC, OpenAI, MySQL database, and Salesforce.
- Utilized React.js, TypeScript, HTML, PHP, and CSS to optimize site performance, and improving load time or usability.
- Spearheaded efforts to enhance security, accessibility, search engine optimization, web performance, and interface design, resulting in 30-point increase across widely-used website metric platforms.
- Designed AWS architecture for RAG enabled larger language model powered chat bot project, integrating 1000+ external documents to enhance client knowledge.
- Delegated project planning to a team of 4 other developers overseeing the successful delivery of various projects and product requirements.

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

- Expanded 40+ REST API endpoints within a NodeJS 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 user chatting, automated emailing, 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 unit testing, executing 20+ queries on a NoSQL database, and thoroughly validating endpoints through Postman and Jest to ensure 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 | Remote | February 2022 - August 2022

- 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.
- Increased 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 | Lakeland, FL | 2023 | 3.4 GPA

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 a focus on security practices and principles such as phishing prevention and OSINT.

SKILLS

Technical Skills: JavaScript, Typescript, MongoDB, Express, React, Node.js, AWS, SQL, HTML, CSS, Python, WordPress, PHP, Linux, Git, Jira, Adobe Suite

Soft Skills: Project Management, Team Leadership, Mentoring, Collaboration, Communication, Problem Solving

Areas of Interest: Web Development, API Development, Cloud Computing, Cyber security, Data Visualization, Accessibility, Software Engineering