

# David Kozdra

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## SUMMARY

Proactive Software Engineer with 3 years of experience designing and building robust APIs, optimizing front-end performance, and managing scalable cloud infrastructure. Skilled in Node.js, React.js, SQL, and AWS. Eager to contribute to an innovative team, delivering exceptional user experiences and driving continuous improvement.

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## EXPERIENCE

### Software Engineer | Red Chip | Maitland Florida | December 2023 - June 2025

- Developed 20+ REST API endpoints using Flask (Python) and Node.js, improving security and aggregating data from third-party APIs including Google Sheets, Edgar SEC, OpenAI, MySQL, and Salesforce.
- Leveraged React.js, TypeScript, HTML, PHP, and CSS to optimize front-end performance, improving page load times and overall usability.
- Led major improvements in platform security, accessibility, SEO, and interface design—resulting in a 30-point increase across key website performance metrics.
- Architected AWS infrastructure for a Retrieval-Augmented Generation (RAG) chatbot powered by large language models, indexing over 1,000 external documents for enhanced client insights.
- Managed a team of 4 developers, delegating tasks and overseeing successful execution of multiple product initiatives from planning through deployment.

### 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.

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## EDUCATION

### Bachelor's Degree of Computer Science | Florida Polytechnic University | Lakeland, FL | 2023 | 3.4 GPA

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## 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)<sup>2</sup> | 2023

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

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## 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