

KADE PITSCHE

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PROFESSIONAL SUMMARY

Detail-oriented software engineer with over 4 years of experience in developing efficient data-processing solutions and optimizing performance. Proficient in JavaScript/TypeScript, C#, Python, SQL, and HTML/CSS. I've successfully delivered key projects that enhanced database scalability and streamlined payment processes, driving significant improvements in efficiency. My ability to collaborate with cross-functional teams has been instrumental in meeting tight deadlines and achieving project goals.

PROFESSIONAL EXPERIENCE

Envita Medical

Software Developer

Scottsdale, AZ, USA

January 2025 - Present

- Led development of an agentic research agent that processes and integrates 10M+ medical data points, enabling automated literature analysis and knowledge extraction for clinical research workflows.
- Architected and deployed a RAG (Retrieval-Augmented Generation) system for medical AI applications, improving model accuracy and reliability through enhanced data grounding and context retrieval.
- Developed an LLM-powered citation review system for medical literature, streamlining research validation processes and reducing manual review time for clinical teams.
- Optimized Azure DevOps CI/CD pipelines and implemented automated infrastructure scripts, achieving 80% reduction in cloud costs (~\$2,000 annually) while maintaining system performance.

Conduit Resources

Software Engineer

Remote

February 2024 - September 2024

- Successfully delivered two major projects on schedule by collaborating with product management and design teams, ensuring alignment with project goals.
- Streamlined data integration processes for backend data preprocessing by cleaning and structuring data files in databases, facilitating efficient data flow.
- Contributed to the development life cycle focusing on backend systems by engaging in all phases from design to deployment, ensuring robust and efficient software solutions.

Florida Blue

Python Developer

Remote

October 2022 - June 2023

- Enhanced data verification accuracy on the payment platform's backend system by integrating third-party APIs for logical checks on payment information.
- Streamlined payment processing operations by utilizing Python for efficient data management in backend development for user data handling.
- Optimized database management efficiency by incorporating MongoDB for backend system enhancements.

Zoot

Solutions Developer

Four Corners, MT, USA

July 2021 - May 2022

- Greatly reduced processing time for our large retail clients by developing scripts using Bash and Python to automate manual tasks, enhancing operational efficiency.
- Enhanced data-driven decision-making by developing and integrating a front-end prescreen, catering to some of the largest retailers in the U.S.
- Improved data accessibility and insights for backend production data by writing efficient SQL queries, supporting timely and informed business decisions.

EDUCATION

Montana State University

Bachelor's, Computer Science

August 2016 - May 2021

GPA: 3

SKILLS

Skills: Node.js, Agile, Data Structures & Algorithms, Django, JavaScript, JIRA, Git, HTML/CSS, Linux/Unix, Management, NumPy, Pandas, Postman, Rust, SQL, Python, TypeScript, UI/UX Design, Web Development, Go, Excel/Numbers/Sheets