

Jacqueline Kelley

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Location: New Melissa

Summary

Passionate and detail-oriented software engineer with over 5 years of experience in backend development and DevOps. Proven expertise in creating scalable applications using **Django** and **MongoDB**, along with a strong foundation in cloud platforms and containerization technologies. Adept at collaborating with cross-functional teams to deliver high-quality software solutions. Seeking to leverage my skills in a challenging role that fosters growth and innovation.

Experience

Senior Software Engineer

Tech Innovations Inc. - New Melissa, TX

March 2021 - Present

- Developed and maintained a **Payment Processing System** that handles over 10,000 transactions daily, resulting in a 30% increase in transaction speed.
- Spearheaded the architecture of a **Microservices Architecture**, improving system scalability and reducing deployment times by 40%.
- Collaborated with front-end developers to create a responsive **Web Application** that enhanced user experience and increased user engagement by 25%.
- Implemented CI/CD pipelines using **Docker** and **Kubernetes**, reducing the release cycle from weeks to days.

Software Engineer

NextGen Solutions - New Melissa, TX

June 2018 - February 2021

- Designed and developed a cross-platform **Mobile App**, which achieved a 4.8-star rating on the App Store with over 50,000 downloads. - Assisted in migrating legacy systems to **Django**, leading to a 50% reduction in maintenance costs. - Contributed to the backend development of various applications using **Node.js** and **Flask**, enhancing performance and reliability. - Actively participated in code reviews and mentorship of junior developers, fostering a collaborative team environment.

Skills

- **Django** (Expert)
 - **MongoDB** (Expert)
 - **Python** (Advanced)
 - **DevOps** (Advanced)
 - **Docker** (Intermediate)
 - **Node.js** (Intermediate)
 - **Flask** (Intermediate)
 - **Go** (Intermediate)
 - **Rust** (Intermediate)
 - **TypeScript** (Beginner)
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Projects

Mobile App

- Developed a cross-platform mobile application that connects users with local service providers, leading to a successful launch with over 50,000 downloads within the first month.

Payment Processing System

- Engineered a secure payment gateway handling daily transactions exceeding \$500,000, ensuring compliance with industry standards and enhancing user trust.

Web Application

- Led a team to create a dynamic web application for a retail client, resulting in a 20% improvement in customer retention rates due to enhanced user experience.

Microservices Architecture

- Architected a microservices-based platform to facilitate scalable and maintainable service deployment, reducing downtime during updates significantly.
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Certifications

- Certified Kubernetes Administrator
 - Microsoft Azure Developer
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Education

Bachelor of Science in Computer Science

University of Texas at Austin - Austin, TX

Graduated: May 2018

Additional Information

- Passionate about open-source contributions and regularly participate in hackathons.
- Enjoys mentoring and sharing knowledge within the developer community through blogs and workshops.