

Chad Gibson

Email: katie50@example.org

Location: Port Cassietown

Summary

Dynamic and results-oriented software engineer with over 7 years of experience in designing and implementing scalable applications. Proficient in modern programming languages and frameworks, with a strong emphasis on **FastAPI** and **Kubernetes**. Passionate about cloud technologies and DevOps practices, I have a track record of delivering high-quality solutions that enhance operational efficiency and drive business growth.

Experience

Senior Software Engineer

Tech Innovators Inc. - Port Cassietown

January 2020 - Present

- Led the development of an **API Gateway** that improved system integration by 40%, enabling seamless communication between microservices.
- Architected and deployed a **Machine Learning Pipeline** using **Kubernetes**, enhancing processing speed by 30% and significantly reducing downtime.
- Collaborated with cross-functional teams to build a **Real-time Chat System**, increasing user engagement by leveraging cutting-edge technology stacks.
- Implemented CI/CD pipelines, improving deployment frequency and reducing the change failure rate by 25%.

Software Engineer

NextGen Solutions - Port Cassietown

June 2016 - December 2019

- Developed and maintained a robust **Payment Processing System** that handled over 1 million transactions monthly with 99.9% uptime.
 - Contributed to the design of a **Mobile App** that streamlined user experience, resulting in a 50% increase in user retention.
 - Enhanced system performance through optimization of **MySQL** queries, reducing response times by up to 60%.
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Skills

- **FastAPI:** Advanced
 - **Kubernetes:** Expert
 - **MySQL:** Expert
 - **DevOps:** Intermediate
 - **Go:** Advanced
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Projects

- **API Gateway:** Developed a microservices-based API gateway enhancing service orchestration, leading to reduced latency and improved service reliability.
 - **Mobile App:** Designed and implemented a cross-platform mobile application that increased customer satisfaction ratings by 20%.
 - **Payment Processing System:** Engineered a secure payment processing solution, achieving compliance with PCI DSS and reducing fraudulent transactions by 15%.
 - **Machine Learning Pipeline:** Created an automated ML pipeline for predictive analytics, improving business intelligence capabilities.
 - **Real-time Chat System:** Engineered a scalable chat solution using WebSockets, enhancing real-time communication capabilities for users.
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Certifications

- Certified Kubernetes Administrator
 - Docker Certified Associate
 - AWS Certified Solutions Architect
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Education

Bachelor of Science in Computer Science
Port Cassietown University, Port Cassietown
Graduated: May 2016

Additional Information

- Active contributor to open-source projects, particularly in the areas of cloud computing and container orchestration.
- Regular participant in local tech meetups and hackathons, fostering community engagement and continuous learning.