

# Chad Gibson

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**Email:** katie50@example.org

**Location:** Port Cassietown

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## 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.

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## 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*

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## 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.