

# Sean Holmes

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**Email:** rebecca64@example.com

**Location:** Thomasstad

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## Summary

Innovative and results-driven programmer with over 5 years of experience in developing robust applications and microservices architectures. Proficient in a diverse set of programming languages and technologies, with a focus on **Kubernetes** and **FastAPI**. Adept at collaborating with cross-functional teams to deliver high-quality software solutions that meet business objectives. Passionate about continuous learning and implementing cutting-edge technologies.

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## Experience

### Senior Software Engineer

**Tech Innovations Inc.** — Thomasstad

*June 2021 - Present*

- Spearheaded the development of a **Microservices Architecture** for a high-traffic e-commerce platform, resulting in a **30% increase in performance** and **25% reduction in downtime**.
- Led a team of 5 developers to implement a **Machine Learning Pipeline** using **FastAPI** and **Redis**, improving real-time data processing speed by **40%**.
- Collaborated with DevOps to ensure smooth deployment and scaling using **Kubernetes**, enhancing system reliability.

# Software Developer

NextGen Solutions — Thomasstad

January 2018 - May 2021

- Designed and implemented microservices for a health tech application using **C++** and **JavaScript**, which successfully handled over **10,000 daily users**.
  - Developed CI/CD pipelines with **Jenkins**, leading to a **50% reduction in deployment time**.
  - Assisted in the migration of legacy systems to containerized applications using **Docker**, improving deployment consistency.
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## Skills

- **Kubernetes** (Expert)
  - **FastAPI** (Advanced)
  - **C++** (Advanced)
  - **Microservices** (Advanced)
  - **Rust** (Intermediate)
  - **JavaScript** (Intermediate)
  - **Redis** (Intermediate)
  - **Jenkins** (Intermediate)
  - **Docker** (Beginner)
  - **Django** (Beginner)
  - **Git** (Beginner)
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## Projects

### Microservices Architecture

- Developed a scalable microservices architecture for an e-commerce platform that supported **over 500,000 transactions per month**.
- Integrated various services for payment processing, inventory management, and user authentication, ensuring high availability and fault tolerance.

## Machine Learning Pipeline

- Created a machine learning pipeline to analyze customer behavior and product recommendations, resulting in a **20% increase in conversion rates**.
  - Utilized **FastAPI** for building RESTful APIs that interfaced with machine learning models, achieving response times under **200ms**.
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## Certifications

- **Certified Kubernetes Administrator** - Cloud Native Computing Foundation
  - **Google Cloud Professional** - Google Cloud
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## Education

### Bachelor of Science in Computer Science

Thomasstad University — Thomasstad

*Graduated: May 2017*

- Graduated with honors, specializing in software engineering and distributed systems.
  - Completed a capstone project on building a cloud-native application using microservices.
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## Personal Interests

- Exploring open-source projects and contributing to community-driven software.
- Participating in hackathons and coding competitions.
- Blogging about programming trends and best practices.