

Kaitlyn Garcia

Julianborough

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Summary

Dynamic and detail-oriented software developer with a passion for building scalable applications and data-driven solutions. With over 5 years of experience in leveraging cloud technologies and modern development practices, I excel in delivering high-quality software products. I am particularly skilled in AWS and Docker, and I have a robust background in data science and microservices architecture.

Experience

Senior Software Developer

Innovative Solutions Inc. - Julianborough

March 2020 – Present

- Spearheaded the design and implementation of a **Microservices Architecture** for a high-traffic e-commerce platform, resulting in a 30% increase in transaction speed and scalability.
- Developed a **Real-time Chat System** using FastAPI, enhancing customer support response time by 25%.
- Collaborated with cross-functional teams to establish a robust **Machine Learning Pipeline**, improving predictive analytics capabilities by integrating AWS services, which increased model accuracy by 15%.

Software Engineer

Tech Innovators LLC - Julianborough

January 2018 – February 2020

- Contributed to the development of a **Content Management System** that streamlined content updates, reducing turnaround time by 40%.
- Assisted in the

development of an **E-commerce Platform** utilizing JavaScript and Docker, which facilitated a seamless shopping experience for over 1 million users. - Implemented CI/CD pipelines using Docker and AWS, which improved deployment frequency by 50%.

Skills

- **C++**: Intermediate - Developed algorithms for data processing in various projects.
 - **Data Science**: Advanced - Utilized Python and R for data analysis and visualization.
 - **JavaScript**: Beginner - Assisted with frontend features on various web applications.
 - **AWS**: Expert - Managed cloud infrastructure and optimized performance for multiple applications.
 - **Docker**: Advanced - Created and maintained containerized applications to enhance deployment efficiency.
 - **FastAPI**: Advanced - Built high-performance APIs for data-driven applications.
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Projects

- **Microservices Architecture**: Led the migration of a monolithic application to microservices, improving scalability and reducing downtime.
 - **E-commerce Platform**: Developed a fully functional e-commerce website, integrating payment gateways and inventory management.
 - **Real-time Chat System**: Designed a chat application that supports real-time communication, enhancing user engagement.
 - **Machine Learning Pipeline**: Created an automated pipeline for model training and deployment, reducing manual effort by 60%.
 - **Content Management System**: Built a CMS that allows non-technical users to manage website content easily.
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Certifications

- **Certified Kubernetes Administrator** - Credentialed in managing Kubernetes clusters and orchestration.
 - **Scrum Master Certification** - Skilled in agile project management methodologies to enhance team productivity.
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Education

Bachelor of Science in Computer Science

Julianborough University - Julianborough

Graduated: May 2017

- Relevant Coursework: Data Structures, Algorithms, Cloud Computing, Software Engineering

Personal Interests

- Passionate about open-source contributions and community development.
- Enjoy participating in hackathons and tech meetups to continually learn and network with industry peers.