

Carlos Santiago

Email: qtate@example.net

Location: Lucaschester

Summary

Detail-oriented programmer with a passion for leveraging technology to solve complex problems. Experienced in building robust applications and systems, particularly in machine learning and database management. Adept at collaborating with cross-functional teams to deliver high-quality products on time. Seeking a challenging role where I can utilize my skills in **MongoDB**, **machine learning**, and **cloud technologies** to drive innovative solutions.

Experience

Software Developer

Tech Innovations Ltd. – Lucaschester, UK

June 2021 – Present

- Developed a **Machine Learning Pipeline** that improved data processing speed by 30% using **MongoDB** and **Redis** for efficient data storage and retrieval.
- Collaborated with a team to create a **Real-time Chat System** that supports over 10,000 concurrent users, leveraging **Vue.js** for the front-end and **Microservices Architecture** to enhance scalability.
- Implemented a **Data Analytics Dashboard** that visualizes key metrics, leading to a 25% increase in actionable insights for stakeholders.

Junior Developer

Dev Solutions Inc. – Lucaschester, UK

January 2020 – May 2021

- Assisted in the development of a **Web Application** that streamlined project management processes, reducing task completion time by 20%.
 - Contributed to backend development using **MySQL** and **C++**, enhancing system performance and reliability.
 - Gained foundational knowledge in **DevOps** practices, deploying applications on **AWS** and managing CI/CD pipelines.
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Skills

- **MongoDB**: Expert
 - **Machine Learning**: Expert
 - **Redis**: Advanced
 - **MySQL**: Advanced
 - **Vue.js**: Intermediate
 - **C++**: Intermediate
 - **Java**: Beginner
 - **AWS**: Advanced
 - **DevOps**: Beginner
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Projects

- **Machine Learning Pipeline**: Designed and implemented a pipeline for data preprocessing and model training that reduced model training time by 40%.
- **Web Application**: Developed a full-stack application using **Vue.js** and **Node.js**, enhancing user engagement by 50%.
- **Data Analytics Dashboard**: Created a dashboard that aggregates data from multiple sources, enabling real-time business intelligence and decision-making.
- **Microservices Architecture**: Architected a microservices-based system for a client, improving deployment efficiency and scaling capabilities.

- **Real-time Chat System:** Built a chat application with a focus on speed and reliability, successfully handling high traffic loads.
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Certifications

- **Docker Certified Associate** – 2022
 - **Microsoft Azure Developer** – 2023
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Education

Bachelor of Science in Computer Science

University of Lucaschester – Lucaschester, UK

Graduated: May 2019

- Relevant Coursework: Data Structures, Algorithms, Database Management, Machine Learning
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Additional Information

- Passionate about open-source projects and contributing to community forums.
- Actively participating in local tech meetups and workshops to enhance skills and network with industry professionals.
- Fluent in English and Spanish.