

Ronald Williams

Email: charleskennedy@example.net

Location: Lake Briantown

Summary

Enthusiastic and skilled programmer with over 5 years of experience in developing robust applications using a diverse tech stack. Proficient in building scalable web applications and microservices, with a strong foundation in DevOps practices. Passionate about leveraging technology to solve real-world problems, with a keen interest in machine learning and cloud computing.

Experience

Software Engineer

Tech Innovations Inc., San Francisco, CA

June 2020 - Present

- Developed and maintained a **real-time chat system** that supports over 10,000 concurrent users, utilizing **FastAPI** and **Docker** for containerization, resulting in a 30% performance improvement over previous implementations. - Spearheaded the migration of legacy systems to **AWS**, optimizing costs by 25% while enhancing system reliability. - Collaborated with cross-functional teams to design a **machine learning pipeline**, applying foundational ML concepts to automate user behavior predictions.

Full Stack Developer

Creative Solutions LLC, Austin, TX

January 2018 - May 2020

- Designed and implemented an **e-commerce platform** that increased sales by 40%

within the first quarter post-launch, leveraging **Vue.js** for the frontend and **PostgreSQL** for the backend. - Enhanced application performance through efficient database indexing and query optimization, achieving a 50% reduction in load times. - Utilized **Flask** for building RESTful APIs, improving the integration of third-party services.

Junior Developer

NextGen Apps, Lake Briantown, WA

October 2016 - December 2017

- Assisted in the development of various web applications, focusing on front-end development with **TypeScript** and **Vue.js**. - Gained foundational knowledge in **Redis** and **Machine Learning**, contributing to small-scale projects that utilized these technologies.

Skills

- **Docker:** Advanced
 - **FastAPI:** Advanced
 - **Machine Learning:** Beginner
 - **AWS:** Intermediate
 - **Vue.js:** Advanced
 - **Redis:** Beginner
 - **PostgreSQL:** Expert
 - **TypeScript:** Intermediate
 - **Python:** Advanced
 - **Flask:** Intermediate
 - **DevOps:** Intermediate
 - **Git:** Advanced
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Projects

- **Web Application:** Developed a full-stack web application using **Python** and **Vue.js**, emphasizing user experience and responsive design, which attracted over 5,000 users in the first month.

- **Machine Learning Pipeline:** Collaborated on a project to create a machine learning pipeline that automated data preprocessing and model training, leading to a 15% increase in predictive accuracy.
 - **E-commerce Platform:** Led the backend development of an e-commerce platform, integrating payment gateways and enhancing usability, resulting in a significant increase in user engagement.
 - **Real-time Chat System:** Engineered a real-time chat application using **FastAPI** and WebSockets, implementing features like message encryption and user authentication.
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Certifications

- **Microsoft Azure Developer**
 - **Docker Certified Associate**
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Education

Bachelor of Science in Computer Science

University of Lake Briantown, Lake Briantown, WA

Graduated: May 2016

- Completed coursework in Software Development, Database Management, and Cloud Computing.
 - Participated in hackathons and coding competitions, enhancing practical coding skills and team collaboration.
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References

Available upon request.