

Anthony Freeman

Lake Davidville

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Summary

Dynamic and results-driven programmer with over 6 years of experience in software development and a strong focus on building scalable web applications. Proficient in a variety of programming languages and frameworks, with a solid background in machine learning and data analysis. Proven ability to manage projects from concept through implementation, ensuring high-quality deliverables and client satisfaction. Seeking to leverage expertise in a challenging new role with a forward-thinking company.

Experience

Senior Software Engineer

Tech Innovations Inc., Lake Davidville

June 2019 - Present

- Led the development of a **Payment Processing System** that handled over \$1 million in transactions monthly, improving transaction speeds by 30% through optimized algorithms and effective use of **AWS** services.
- Collaborated with cross-functional teams to design and implement a **Data Analytics Dashboard** that provided real-time insights, resulting in a 25% increase in data-driven decision-making across departments.
- Utilized **Flask** and **Angular** to build responsive, user-friendly web applications, ensuring compliance with accessibility standards and enhancing user experience.

Software Developer

NextGen Solutions, Lake Davidville

January 2017 - May 2019

- Developed and maintained high-performance applications using **Python** and **C++**, achieving a 40% reduction in load times through code optimization techniques.
 - Implemented microservices architecture, enhancing system modularity and scalability, which led to a 20% improvement in system uptime.
 - Conducted training sessions for junior developers on best practices in **JavaScript** and **MySQL**, fostering a collaborative learning environment.
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Skills

- **Machine Learning:** Expert
 - **Python:** Advanced
 - **C++:** Advanced
 - **JavaScript:** Advanced
 - **Redis:** Advanced
 - **AWS:** Advanced
 - **MySQL:** Advanced
 - **Flask:** Advanced
 - **Microservices:** Intermediate
 - **Angular:** Intermediate
 - **Data Science:** Beginner
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Projects

Payment Processing System

- Designed and implemented a robust payment processing application capable of handling multiple payment gateways, ensuring compliance with PCI DSS standards.
- Achieved a transaction success rate of 99.9% and reduced fraud detection time by 50% using advanced algorithms.

Data Analytics Dashboard

- Developed a comprehensive dashboard using **Angular** and **Flask**, integrating various data sources to provide actionable insights for business strategy.
 - Enabled stakeholders to visualize key metrics in real-time, resulting in improved operational efficiency.
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Certifications

- **Scrum Master Certification**

Certified by Scrum Alliance, 2021

Education

Bachelor of Science in Computer Science

Lake Davidville University, Lake Davidville

Graduated: May 2016

- Completed coursework in Data Structures, Algorithms, and Software Engineering.
 - Participated in university hackathons, securing 1st place in the annual coding competition.
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Interests

- Passionate about open-source projects and regularly contribute to various Python libraries.
- Enthusiast in artificial intelligence and machine learning, continually exploring new frameworks and technologies to enhance my skill set.