

Mark Huffman

Location: Lake Tammy

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Summary

Dynamic and results-driven programmer with over 5 years of experience in software development and cloud solutions. Proficient in leveraging advanced technologies to build scalable applications that meet client needs. Proven track record of delivering high-quality projects on time and within budget. Passionate about coding, continuous learning, and developing innovative solutions.

Experience

Senior Software Engineer

Tech Solutions Inc. - Remote

January 2020 - Present

- Led a team of 5 developers to design and implement a **Content Management System** that improved client content delivery by 30%.
- Utilized **AWS** and **Kubernetes** to deploy applications, enhancing scalability and reducing downtime by 25%.
- Spearheaded the integration of **Jenkins** for continuous integration/continuous deployment (CI/CD), reducing deployment time by 40%.
- Developed RESTful APIs using **FastAPI** and **Flask**, enabling seamless data exchange between front-end and back-end systems.

Software Developer

Innovatech Corp. - Lake Tammy

June 2017 - December 2019

- Collaborated with cross-functional teams to create a **Data Analytics Dashboard** that provided insights to over 200 users, leading to data-driven decision-making.
 - Improved application performance by 20% through code optimization and implementing efficient algorithms in **Python**.
 - Engaged in front-end development with **React**, contributing to the creation of user-friendly interfaces despite beginner-level skills.
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Skills

- **Python (Expert)**: Developed complex algorithms and data processing scripts, ensuring high performance in applications.
 - **AWS (Advanced)**: Extensive experience with cloud services, including EC2, S3, and RDS for application hosting and data storage.
 - **Jenkins (Advanced)**: Mastered CI/CD pipelines to automate testing and deployment processes, significantly improving release times.
 - **Kubernetes (Advanced)**: Managed container orchestration for application deployment and scaling, enhancing the reliability of services.
 - **Go (Advanced)**: Designed and implemented microservices architecture for high-performance applications.
 - **FastAPI (Intermediate)**: Built APIs that support high throughput and low latency.
 - **Flask (Intermediate)**: Developed web applications with a focus on simplicity and flexibility.
 - **React (Beginner)**: Assisted in building user interfaces, eager to expand knowledge and skills in front-end development.
 - **C++ (Beginner)**: Gained foundational knowledge through personal projects and coursework.
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Projects

Content Management System

- Developed a full-stack CMS that allows users to create, edit, and manage content with a user-friendly interface.
- Implemented a robust permission system, enhancing security and user management.

Data Analytics Dashboard

- Created an interactive dashboard that visualizes key performance metrics, enabling stakeholders to monitor progress and make informed decisions.
 - Utilized **Python** for data processing and **React** for the front-end interface, ensuring a seamless user experience.
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Education

Bachelor of Science in Computer Science

University of Lake Tammy - Lake Tammy, USA

Graduated: May 2017

Certifications

- AWS Certified Solutions Architect – Associate
 - Certified Kubernetes Administrator (CKA)
 - Python Institute - PCEP: Certified Entry-Level Python Programmer
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References

Available upon request.