Mavasa Musa Royal

AWS Engineer & Frontend and Backend Developer

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Objective

Seasoned software developer with extensive experience in Java programming and object-oriented design principles. Proficient in a variety of languages and frameworks including C#, Python, JavaScript (React, Angular, Vue.js), TypeScript, and Express.js. Adept in cloud services with hands-on expertise in AWS Amplify for hosting and Amazon S3 for asset management. Demonstrated success in automating email processes using Amazon Textract, Comprehend, and SQS, with a track record of developing and deploying Lambda functions for dynamic data retrieval and face detection applications. Seeking to leverage my diverse technical skill set and project experience to drive innovation and efficiency in a forward-thinking organization.

Experience

Pax Divitiae| Junior Cloud Engineer   **December 2023 – present**

- Develop and maintain code for cloud-based applications using languages such as Python, JavaScript, and TypeScript, ensuring high-quality and efficient solutions.
- Implement and manage AWS services, including Lambda functions, with a focus on serverless computing, utilizing Python and Node.js for function development.
- Store and manage data using Amazon S3 and interact with relational and NoSQL databases, applying SQL and query languages for data handling.
- Develop call center environments using Amazon Connect and create bots with Amazon Lex, integrating with code written in JavaScript and Python.
- Create and manage REST APIs using AWS API Gateway, applying JavaScript (Node.js) and Python to build and maintain endpoints.
- Monitor and optimize cloud infrastructure, writing scripts and automation tools in Python or other languages to enhance performance and cost-efficiency.

Mecer Inter-Ed | Cloud Engineer Intern   **July 2023 – Oct 2019**

- Train AI models for object detection and identification using Microsoft AI tools, applying machine learning techniques to enhance model accuracy.
- Create and manage virtual machines using Microsoft Azure, configuring and optimizing resources for various applications and workloads.
- Develop and deploy containers using Docker and Kubernetes within Microsoft Azure environments, ensuring scalable and efficient container orchestration.
- Build and deploy bots using Microsoft services, including Azure Bot Services and Virtual Bots, to automate interactions and improve user engagement.

- Design and create websites using Microsoft Power Platform, leveraging tools like Power Apps and Power Automate to develop custom business solutions.
- Utilize Microsoft Business Intelligence tools to work with data, creating reports and dashboards with Power BI to provide actionable insights and support data-driven decision-making.

Education

Tshwane University Of Technology, Diploma in Computer Science   **2023**

Major: Java, SQL & PL/SQL, JavaScript, Discrete Structures (Computational Mathematics)

Skills & abilities

- Time Management
- Paying Close attention to details
- Analytical thinking
- Empathy and sympathy
- Problem solving
- Communication
- Leadership
- Team Collaboration

References

- Available Upon Request