Eric Mamani

mam20009@byui.edu - **https://ericmamaniramirez13.github.io/portfolio/** - (801) 404 9051 - **https://www.linkedin.com/in/EricMamani**

Education

Bachelor of Science in Computer Science   **Anticipated: 12/2025**

Brigham Young University - Idaho   Rexburg, ID

- GPA: 3.96.
- Minor in Mathematics.
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (Java, JavaScript, Python), Full-Stack development, Clouse Services, Databases, Machine Learning, and Distributed Systems.

Experience

Software Development Engineer Intern   January 2024 - September 2024

General Motors   Austin, TX

- Produced high-quality, scalable systems and unit tests using Java and TestNG, achieving 95% test coverage and improving software reliability.
- Delivered features using Python, JavaScript, and React, enhancing user satisfaction by 15%.
- Collaborated in Agile/Scrum teams to deliver high-quality software on a regular sprint cycle, participating in sprint planning, daily stand-ups, and retrospectives.

Software Development Engineer Intern   May 2023 - July 2023

Amazon.com   Tempe, AZ

- Developed a new UI operating React, Angular, and AWS for customers to input and validate deal information, improving error feedback on invalid requests.
- Implemented API integrations and backend services, enhancing efficiency of deal validation process by 20% automating checks and providing detailed responses.

DevOps Engineer Intern   June 2022 - August 2022

Mr. Cooper Group   Coppell, TX

- Optimized infrastructure automation, reduced deployment time by 5%, and minimized manual effort.
- Automated infrastructure to achieve 99.9% reliability, improving system scalability and reducing deployment time.

Projects

Math Mobile Application   December 2023

- Designed a Math Mobile App using Java, emphasizing modern frameworks and abstractions for clean and maintainable code.
- Applied Object-Oriented Programming (OOP) principles to reduce 20% of initial code.

Text Generator   December 2023

- Built a machine learning model leveraging LSTM a neural network taking 5444 tokens to generate text

Technical Skills

- Programming Languages: Python, Java, JavaScript, TypeScript, SQL, C++, C#, Swift, GO
- Cloud & DevOps: AWS, Google Cloud Platform, Microsoft Azure, Docker, REST APIs, Terraform
- Technologies & Frameworks: React, Node.js, Angular, Selenium, PyTorch, Git
- Tools: VS Code, IntelliJ IDEA, Swagger, GitHub
- Core Strengths: Effective Communication, Critical Thinking, Fast Learner, Collaborative Teamwork

Certifications

- Amazon Junior Software Developer - Amazon.com, Completed: September 2024.
- Microsoft Back-End Developer - Microsoft, Expected Completion: December/2024.