

Eric Mamani

ericmamaniramirez13@gmail.com | [ericmamaniramirez13.github.io/Portfolio2025](https://github.com/ericmamaniramirez13/Portfolio2025) | (801) 404 9051
<https://www.linkedin.com/in/EricMamani>

Education

Bachelor of Science in Computer Science

Brigham Young University - Idaho

Graduated: 07/2024

Rexburg, ID

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (Java, JavaScript, Python), Full-Stack development, Relational Databases, and Machine Learning Fundamentals
-

Work Experience

Software Engineer Intern

PayPal

(Offer Extended for Fall 2025)

Scottsdale, AZ

Software Engineer Intern

Amazon.com

(Offer Extended for Summer 2025)

Irvine, CA

Software Engineer Intern

General Motors

May 2024 - October 2024

Austin, TX

- Produced high-quality unit tests and scalable code using **Java** and TestNG, increasing test coverage to 95%, leading to more reliable software and less manual testing
- Spearheaded full-stack software development projects leveraging **Python**, JavaScript, and **React**, driving a 15% increase in user satisfaction by delivering high-quality, data-driven solutions.
- Collaborated in **Agile/Scrum teams** to deliver high-quality software on a regular sprint cycle, participating in sprint planning, design, code reviews, and daily stand-ups

Software Engineer Intern

Amazon.com

May 2023 - July 2023

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 the efficiency of the deal validation process by 20%, automating checks, and providing detailed responses

DevOps Engineer Intern

Mr. Cooper Group

June 2022 - August 2022

Coppell, TX

- Optimized infrastructure automation, reduced deployment time by 5%, and minimized manual effort
 - Collaborated on integrating with cloud providers, boosting infrastructure scalability by 10%, and ensuring 99.9% end-user reliability
-

Projects

Math Mobile Application

December 2024

- Designed a mobile application using Android Studio and Java to assist users in learning math problem-solving techniques efficiently, improving user engagement and comprehension
- Applied Object-Oriented Programming (OOP) principles to reduce 20% of initial code complexity while improving software maintainability, readability, and reusability

Text Generator

December 2023

- Built a machine learning model leveraging an LSTM neural network, taking 5444 tokens to generate text with style from input 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, Jenkins
- Technologies & Frameworks: React, Node.js, Angular, Selenium, PyTorch, Git, Power BI
- Tools: VS Code, IntelliJ IDEA, Swagger, GitHub, Jira
- Core Strengths: Effective Communication, Critical Thinking, Fast Learner, Collaborative Teamwork