KOLTEN MORALES

SOFTWARE DEVELOPER | QA ENGINEER

SALT LAKE CITY, 84111, Utah

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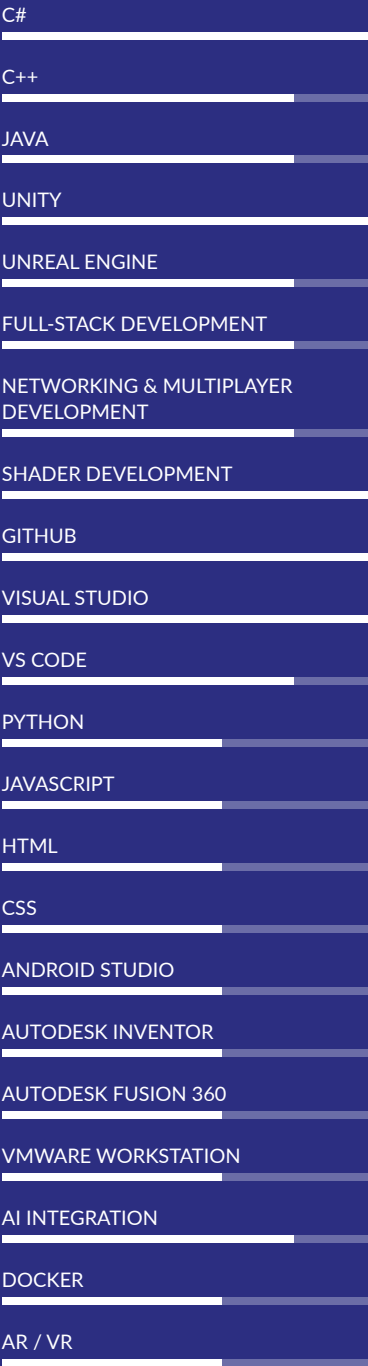
koltenmo@outlook.com

ABOUT ME

I'm a software developer with a passion for building forms of interactive software. With experience in C#, C++, and continuous integration. I enjoy creating immersive, performant applications across platforms. Currently, I'm working on a local-first AI chatbot at Iamai-core.

Learn more about me on LinkedIn, and check out My Portfolio.

SKILLS

C#

C++

JAVA

UNITY

UNREAL ENGINE

FULL-STACK DEVELOPMENT

NETWORKING & MULTIPLAYER DEVELOPMENT

SHADER DEVELOPMENT

GITHUB

VISUAL STUDIO

VS CODE

PYTHON

JAVASCRIPT

HTML

CSS

ANDROID STUDIO

AUTODESK INVENTOR

AUTODESK FUSION 360

VMWARE WORKSTATION

AI INTEGRATION

DOCKER

AR / VR

WORK EXPERIENCE

IAMAI-CORE
Salt Lake City
Mar 2025 - Present

OpenSource AI Engineer

- Developing a local-first AI chatbot using Iamai-core's proprietary system, focused on privacy-first architecture and real-time data processing.
- Collaborated in a team environment to identify and implement code improvements for better efficiency and performance.
- Engaged in problem-solving to troubleshoot and resolve issues within AI applications.

SATORI
Salt Lake City
Jan 2025 - Mar 2025

Software Engineer

- Engineered frontend enhancements to elevate user experience and improve interface responsiveness.
- Collaborated effectively within a team environment using GitHub for version control.
- Conducted thorough peer-reviews of code contributions to ensure quality and adherence to best practices.
- Utilized a diverse tech stack including Visual Studio Code, Flask, Python, HTML, JavaScript, CSS, Docker, Git, and Blockchain technologies.

BELL FLIGHT
Amarillo
Aug 2021 - May 2022

Quality Assurance Engineer

- Led quality assurance efforts for the Centralized Audit Support System (CASS), ensuring the safety, reliability, and compliance of systems and products used in government, engineering, and aerospace sectors.
- Collaborated cross-functionally with engineering teams to improve software and product quality through data-driven analysis, process optimization, and continuous improvement initiatives.
- Conducted in-depth audits and assessments, identifying critical risks and implementing corrective actions that supported mission-critical and life-saving applications.
- Presented technical findings and quality recommendations to executives, stakeholders, and engineering teams, translating complex data into actionable insights to drive system-wide quality improvements.

EDUCATION

NEUMONT COLLEGE OF COMPUTER SCIENCE
Salt Lake City
2025

Bachelor of Software and Game Development

- GPA: 3.97.
- 7x President's List honoree