

ALI MONETTE

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PROFILE

Motivated, knowledgeable, and skilled software engineer with 3 years of experience in full-stack development and various programming languages across diverse work environments. Collaborative team player with an ownership mentality and a history of performing at a high level to complete tasks and assist in the growth of an organization.

SKILLS

Languages & Frameworks: C++, JavaScript, Node.js, Backbone.js, React, SQL, HTML, CSS, C#, Java

Tools & Platforms: Docker, Jenkins, GitHub, Jira, Azure, Visual Studio, Vim, Postico

Databases & Infrastructure: PostgreSQL, Redis, ElasticSearch

Game Development: Unreal Engine, vector/matrix math

Practices & Methodologies: CI/CD, Agile, Scrum, B2B

EXPERIENCE

Part-Time Professor, Game Development Program • Algonquin College September 2023 – Present

- Teach C++ programming, object-oriented design, and applied math for game physics and mechanics to prepare students for industry roles.
- Introduce version control, agile workflows, and structured debugging to boost student readiness for real-world development - GitHub, Visual Studio.
- Developed interactive resources and hands-on exercises to simplify complex game development concepts, boosting student engagement and success.

Software Developer, Upgrade • Case IQ September 2023 - March 2025

- Upgraded 100% of client systems from a legacy codebase, rewriting custom features to boost performance and retain all existing features.
- Ensured smooth transitions post-upgrade for 80+ clients by selectively running essential Bash and SQL commands, reducing downtime by ~30% and improving maintainability - Bash, PostgreSQL.
- Authored internal documentation on upgrade-specific features and known issues, reducing development time and post-deployment bugs by ~40% across teams - Confluence, GitHub.
- Delivered full-stack features for B2B apps, enhancing UI and backend functionality for thousands of users.
- Partnered with clients and analysts to resolve critical issues, contributing to high client satisfaction through clear communication - Backbone.js, Node.js, PostgreSQL.
- Built and tested internal APIs to support new features, using Postico.
- Leveraged Jenkins, Docker, and Vim for CI/CD, automated testing, and efficient debugging in staging environments, supporting User Acceptance Testing (UAT).

Software Developer, Delivery • Case IQ January 2022 - March 2023

- Collaborated with the Delivery team during sprint planning to scope and prioritize tickets, consistently completing tasks ahead of schedule - Jira, GitHub.
 - Implemented custom UI/UX functionality based on client requirements, ensuring alignment with brand guidelines and usability best practices - Backbone.js, HTML, CSS, JavaScript.
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EDUCATION

Computer Engineering Technology – Computing Science

Algonquin College, Ottawa, ON • 2018 - 2022

Game Development

Algonquin College, Ottawa, ON • 2014 - 2017