

# Stephen Crocker

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## Summary

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Full-stack developer with proven experience shipping 10+ games and cross-platform applications using Unity, React, and Flutter. Skilled in cloud architecture and real-time systems, seeking to leverage my end-to-end development experience in a growth-focused tech role.

## Education

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| <b>Software Development Program</b> – Keyin College   | May 2025 |
| <b>BBA: Business Administration</b> – Memorial University of Newfoundland and Labrador        | May 2025 |
| <b>BSc: Computer Science</b> – Memorial University of Newfoundland and Labrador (In Progress) | Dec 2025 |

## Projects

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### Game Development – Unity (C#), Blender

- Developed and optimized 10+ cross-platform games in Unity for mobile, desktop and web deployment.
- Published 10 complete games on [stoozly.itch.io](https://stoozly.itch.io) generating over 500+ plays.

### Cryptocurrency Farm

- Independently built and managed a cryptocurrency mining farm with 20+ GPUs, deploying custom scripts and monitoring tools to track temperatures, hash rates, and power usage, maximizing profitability and operational stability.

### LexAI – Next.js

- Contributed to a Next.js based AI Literacy Tutor through backend planning, frontend development, and testing.

### Whatchu Cooking? – Flutter, Firebase

- Co-developed "Whatchu Cooking?"—a feature-rich, cross-platform social recipe-sharing app using Flutter and Firebase—alongside a team of three peers, emphasizing collaboration, real-time data handling, and user-focused design.

### Jewelry Portfolio App – React.js

- Implemented a responsive web application for tracking and calculating real-time jewelry valuations with React Hooks and TypeScript.

### Math Competition App – Node.js, Express.js, Jest

- Developed a full-stack web application with dynamic question generation, difficulty levels, streak tracking, and leaderboards using Node.js, Express, and Jest for testing.

## Experience

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| <b>Ladderspike</b> – Software Development Intern   | 2024 |
| <ul style="list-style-type: none"><li>Contributed to redesigning key components of the company website using modern UI/UX principles.</li><li>Conducted market research on competing platforms and helped design product mockups in figma.</li></ul> |      |

## Technical Skills

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**Languages:** Python, C, C#, Java, JavaScript, SQL, HTML

**Frameworks:** Flask, Bottle, React, Express, Next, Node, SciKit-learn

**Databases:** MongoDB, PostgreSQL, SQLite, Prisma

**Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS, CloudWatch, CloudFormation, IAM)

**Tools:** Git/GitHub, Postman, Jupyter Notebook, SageMath, Unity, Blender, Figma, VS Code, Android Studio

## Certifications & Achievements

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QA/QC Certified Tester Foundation Level 4.0 – ISTQB®

AWS Academy Graduate – Cloud Developing, Cloud Architecting, Solutions Architect Associate

AWS Certified Solutions Architect Associate

NL Hackathon 2024 – “Most Technical Award” winner