

Aahash Srikumar

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Education

University Of Western Ontario

Bachelor's Degree in Engineering Science, Software Engineering (BESc)

London, ON

September 2021 – June 2025

Work Experience

NinePoint Partners

May 2025 – Present

Toronto, Ontario

Software Developer

- Maintained and upgraded a large-scale .NET Framework application supporting 2000+ financial advisors, delivering secure and stable full-stack features using C#, JavaScript, Bootstrap, and jQuery.
- Debugged and resolved production issues across backend APIs and frontend components, improving system reliability and reducing user-reported defects.
- Designed, tested, and deployed RESTful APIs using C# and JavaScript, enhancing workflow performance and increasing advisor engagement by 2–3%.
- Modernized legacy components and optimized Azure cloud deployments, improving load performance and ensuring long-term platform stability.
- Integrated enterprise tools such as Marketo and Umbraco, automating data flows and increased lead capture by 5%.
- Enhanced CI/CD using Git and Jenkins, automated build and deployment steps and improved time efficiency by 9%.

University Of Western Ontario

September 2024 – April 2025

London, Ontario

Software Developer

- Collaborated with interdisciplinary teams to build VR rehabilitation systems, applying software engineering, hardware integration, and SRE-style troubleshooting across research environments.
- Developed and maintained a VR physiotherapy application using Unity, C#, and Oculus SDK, ensuring stable runtime performance for injury-specific exercise modules.
- Integrated motion-sensor inputs and refined real-time gameplay mechanics with health researchers, boosting patient adherence by 30% and engagement by 25%.
- Engineered an IoT data pipeline using ESP8266 microcontrollers and MQTT, enabling reliable low-latency transmission of sensor data to an Android companion application.

LA Fitness

May 2023 – September 2023

Director Of Membership Sales - Fitness Application | Mustang Central | MERN, OpenAI

Toronto, Ontario

- Built a full-stack MERN application to deliver personalized workout recommendations and streamline client support.
- Implemented a live data layer using MongoDB and Heroku, enabling secure and scalable storage of user metrics.
- Integrated OpenAI to generate dynamic workout plans and enhance long-term user engagement.
- Deployed the platform to iOS and Android via WebView, ensuring consistent cross-platform performance and UI responsiveness.

Projects

Mutiplayer Game Application | BlackJack | C++, Python, Virtual Box, Docker, Kubernetes, Linux

November 2024

- Developed a multiplayer Blackjack game in C++ that facilitates dynamic interactions between multiple users and the server, simulating real-time gameplay across various mini blackjack rooms.
- Implemented Python to process client actions and manage server interactions for operations like call, hit, or stand.
- Utilized VirtualBox to create virtual machines that run multiple isolated instances of the application on the server.

Game & Localization System Application: Tiny Tanks Maze Runner | C#, Unity

January 2024

- Designed and implemented advanced game features, including health regeneration, teleportation power-ups, and leaderboard integration with real-time round statistics and UI responsive elements using C#.
- Refactored core game systems for efficient round management and dynamic score updates, and created scenes with beautiful transitions between gameplay, the leaderboard, and start screens, integrating Unity.

Health & Wellness Application | Level Up | Python, SQL, MySQL, Django

September 2023

- Developed a full-stack Health & Wellness application offering various body metric calculations and goal-setting.
- Implemented Python to coordinate functionalities between Django and SQL, improving performance by 30%.
- Utilized SQL to store and manage user data in MySQL, efficiently handling over 75 user records.

Skills

Languages: Python, Java, C#, JavaScript, SQL, C++, Swift, HTML, CSS

Technologies/Frameworks: AWS, Azure, Angular, NodeJS, React, Django, PostgreSQL, Docker, Kubernetes, MongoDB

Version Control & CI/CD Tool & Protocols: Git, HTTP, MQTT, SOAP

Methodologies: Agile/Scrum