Sarman Aulakh

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EDUCATION

University of Waterloo   Waterloo, ON
Bachelor in Computer Engineering, BASc   *Sept 2019 - April 2020*

SKILLS

Languages: JavaScript, C++, Java, Python, C#, SQL, NoSQL
Tools: React, Redux, Node.js, Express, jQuery, Postman, AWS, Flask, Django, SQL Server, MongoDB, Jenkins

EXPERIENCE

Applications Developer Intern   Mississauga, ON
Kenna Technologies   *Sept 2020 - Dec 2020*

- *Optimized queries* in SQL Server, helping speed up initial dashboard loading time and *reduced query timeouts*, which had become a common occur in staging environment
- Helped build the backend for a new client campaign website in *Node.js/Express*, and setup an automated build process in *Jenkins*

Front End Developer Intern   Mississauga, ON
Kenna Technologies   *Sept 2019 - April 2020*

- *Front end lead* for rebuilding Event Management application with *React to simplify/optimize codebase* and add modern styling to *decrease bounce rate by ~25%*
- Created test cases using *Mocha/Chai* dependencies in React and helped increase management team efficiency by printing LCOV files to easily understand errors

Junior Software Developer Intern   Mississauga, ON
Atlas 365 Inc   *MAY 2019 – AUG 2019*

- Created a process using *Node.js to track users* in app to help recommend/filter content, *increasing user engagement by 8%* (over 4 months)
- Developed *Facebook Messenger* app games and web games using *Unity/C#*, utilizing the Ethereum network to create/distribute in-game cryptocurrency rewards

PROJECTS

CryptoGrower: Blockchain extension to build ethereum based web/facebook messenger games

Forreal: Chrome web extension that reads screen to detect fake news via machine learning

Personal Website: Web app built to become a central hub for all current and future projects and blogs

Eye Health Monitor: Uses machine learning to monitor blink rate for Computer Vision Syndrome (CVS)

Stock Portfolio Manager: Web app to monitor stocks, read latest news, and connects to Wealthsimple Portfolio

Resume Parser: Web app that parses/organizes resume information similar to job applications