

# Junaid Ali Syed . Jarvis Consulting

I am a recent graduate from University of Toronto with a specialization in software engineering. During my studies, I had the opportunity to work with different programming technologies including C, Python, Java, React, Javascript, and databases. I also have experience with multiple internships with software development as my most recent internship where I worked in a git flow agile scrum environment. Currently, I am a Software engineer at Jarvis where I have learned and upgraded my knowledge of technologies and skills. These include core java programming, testing, deployment, fundamental programming patterns/principles, and much more. My journey of becoming a software developer has been filled with continuous learning from as early as high school. I am an individual who is enthusiastic about learning, and amazing at problem-solving. I am passionate and self-driven where my future goals aspire me to join a company to utilize my knowledge in making creative solutions that are maintainable and impactful.

## Skills

**Proficient:** Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Python, Git, PSQL, Docker

**Competent:** React, RESTful APIs, C, JavaScript, Node.js, Express.js, GraphQL

**Familiar:** C#, C++, Kotlin, TypeScript, Mobile App Development, Computer Networks

## Jarvis Projects

Project source code: [https://github.com/jarviscanada/jarvis\\_data\\_eng\\_JunaidSyed](https://github.com/jarviscanada/jarvis_data_eng_JunaidSyed)

**Cluster Monitor** [GitHub]: This Linux cluster monitor project is an agent monitoring tool that uses bash scripts to record host hardware specifications (model, architecture) and host hardware usage (memory, CPU usage). I built bash scripts that use bash commands to gather information about usage and hardware. I maintained this information by automatically recording data and inserting it into a PSQL database every minute.

## Highlighted Projects

**Hexagon Security** [GitHub]: Hexagon Security is a browser-centric security tool, capable of managing a user's secure data including passwords, MFA keys, and notes. There is also a chrome extension to facilitate quick actions such as saving/autofilling passwords and adding MFA keys to their profile. I implemented CRUD operations using GraphQL mutations. I also created a secure design for handling authentication and authorization with sessions, JWT and secure key wrap algorithms.

**Byte Rewards** [GitHub]: A restaurant-oriented rewards platform with 2 web apps to support reward curation and client management alongside a static website to document development progress. I handled CRUD operations of user data in to MongoDB. I implemented logic and reward checking for the rewards system. As part of the reward checking, I implemented QR code scanning which allows owners to scan codes when handing out rewards to the users.

## Professional Experiences

**Software Developer, Jarvis (Nov 2022 - present):** Applied agile scrum principles to develop multiple projects using SQL, and Java such as the Twitter, JDBC, and Grep apps. Utilized Git and Git flow branching model to establish organized and maintainable projects which can be seen on GitHub. Participated and facilitated daily scrum meetings sessions about work progress to ensure the team is on track with team goals and deadlines.

**Software Developer, Intellijoint Surgical (Sept 2021 - Dec 2021):** Developed and maintained a client focused surgical application with React to ensure usability of project features according to user requirements. Maintained and created test cases of API endpoints to ensure correct functionality of deleting and modifying clinical patient data. Participated effectively and regularly with manager and coworkers with daily scrum meetings and planning sessions about current work progress and future tasks.

**Quality Assurance Analyst, Ministry of Education Ontario (Sept 2021 - Dec 2021):** Utilized HP ALM to create and execute smoke and regression tests of existing and new applications to ensure working functionality for production. Maintained the accuracy of reports and resolved test failures by finding the root cause of the problem. Used PL/SQL to maintain Oracle relational databases by querying and updating information to keep up-to-date and relevant information for test case executions. Communicated effectively and regularly with manager and coworkers about current progress and defects with reports and tickets to convey relevant information.

## **Education**

**University of Toronto (Sept 2018 - Aug 2022)**, Bachelor of Computer Science, Computer Science - Entrance Scholarship - Dean's List (2018) - GPA: 3.39/4.0

## **Miscellaneous**

- Enthusiastic chess player - Winning multiple medals and trophies