BJ

BALPREET SINGH JAGGI

sidjaggi92@gmail.com | 4165874154 | Toronto ON

Summary

Senior-level Software and Application Developer passionate about creating cutting-edge products for IoT. Strong work ethic and dedicated to quality assurance. Adept at working with teams or independently in fast-paced settings.

Skills

- Programming Languages: Java, Sprigboot, C++, Angular, HTML, CSS
- Docker
- Git
- MongoDB
- REST API
- JUnit

Experience

Persistent Systems | Toronto
Engineering Lead
11/2022

- Steered multiple software development projects to successful completion, adhering to timelines and budgets
- Trained and mentored junior developers on IoT projects, promoting industry best practices and standards
- Conducted code reviews to enhance code quality and adherence to best practices
- Designed and maintained a distributed microservices architecture, boosting system modularity and reducing dependencies.

Software AG | Toronto
IoT Consultant
07/2018 - 10/2022

- Served as a Full Stack Developer on multiple IoT projects
- Developed microservices with REST API's using Java Springboot
- Created IoT device agents using C++ and Java, utilizing libraries such as libcurl and AWS SDK
- Developed and extended web applications using Angular, HTML & CSS
- Implemented complex event processing applications and microservices using Apama EPL
- Utilized unit testing frameworks such as JUNIT5, Mockito and GUnit
- Created CI/CD scripts for applications in Microsoft Azure.

Software Ag | Darmstadt
Student Employee
09/2016 - 05/2018

- Created a comprehensive educational package with tutorials and exercises for university students learning Apama
- Conducted tutoring sessions to assist enrolled students.

Aricent Group | Gurugram
Software Engineer
09/2014 - 03/2016

- Developed and extended multiple desktop applications for clients such as GoPro and ABB
- Supported the testing team by improving and debugging an internal application for automation test suites
- Utilized multiple technologies such as C, Java, JavaFx, and C#.

Education and Training

Technische Universität Darmstadt | Darmstadt
Master of Science(Distributed Software Systems)
05/2018

Panjab University | Chandigarh
Bachelor of Engineering(Computer Science)
05/2014

Hobbies and Interests

- Coding
- Fitness/Strength Training
- Hiking
- Reading books

Languages

- English
- German
- Hindi
- Punjabi