Chinmay Hadadare

chinmayhadadare@gmail.com   +1 514-585-0817   linkedin.com/in/chinmay-hadadare   Montreal, QC, H3W1X4

Professional Experience

Omniscient Software Pvt. Ltd, India | Associate Solutions Engineer *Jan 2016 - Jul 2018*
- Worked in the 5+ developers' team of a web app on transaction banking platform for Global Cash management and automated Financial Supply Chain.
- Developed the **frontend** using **JSP, ExtJS, CSS and SASS**. Developed backend within **RESTful** API using **Java** & **Spring Framework** and worked on Test **driven** development, using **Junit**.
- Worked in collaboration with a team of 20+ developers using **JIRA** and **SVN** following **Agile software development** methodology.
- **Build automation** using **Apache Ant**, **Apache Maven. Continuous Integration** using **Jenkins**.

Omniscient Software Pvt. Ltd, India | Software Development Intern *Jun 2015 - Dec 2015*

- Part of the 5 developers' team of in-house web application development for HR Management using **JavaScript, ExtJS, jQuery, Java & PLSQL, Apache Maven**.
- Involved in the **entire software development lifecycle** from **requirement gathering**, **architecture design** to development and deployment.

Education

MEng in Software Engineering, *Concordia University, Montreal, QC.* Aug 2018 – June 2020	**GPA**:3.3/4.3
Master of Computer Applications, *Fergusson College, Pune, India* Jul 2013 – May 2016	**GPA**:5.2/6
Bachelor of Computer Science, *SGM College, Karad, India* Jul 2011 – May 2013	**Percentage:** 74.5%

Skills

Languages: Java, JavaScript, C++, Python, HTML, CSS, SASS, SQL, PL/SQL, Clojure, Erlang, R.
Database: MySQL, Oracle, MongoDB.
Tools, Libraries & Frameworks: Git, SVN, ExtJS, Spring MVC, jQuery, REST, JSON, JIRA, JUnit, Ant and Maven, Jenkins, ReactJS.

Projects

Communication Protocol Simulator (Java, UDP)
- Create UDP server & client using Java & UDP to assimilate the core functions of the internet system.
- Implemented messaging, redundancy reduction, message security & integrity assurance, file reading/writing, network congestion handling & packet loss handling.

Friends: Realtime Messenger (Erlang, Java)
- Peer-to-peer communication application in Erlang, leveraging Erlang's native scalable multithreading support.
- Multiple processes perform real-time message passing with thread synchronized Message Waiting Queue implementation.
- Tested Java's competency in multithreading support against Erlang.

Digitized Battleship Board Game with AI Engine (Java, JFX, Git)
- Digital version of Battleship board game to be played against both human and AI as an opponent.
- Supports multiplayer and salvo game mode on LAN.

Detection of Exception Handling Anti-Pattern (Java, JDT Library, AST, Understand SciTools)
- Created a tool that parses the Java source code and creates an Abstract Syntax Tree (AST)
- This tree is navigated to find exception handling blocks and discovered anti-patterns are marked.

Home Automation with Raspberry Pi 2 (Python, Raspbian, PHP, Port Forwarding)
- Toggling regular home appliances ON/OFF remotely. Raspberry Pi acts as a bridge between appliances and user with help of a relay that switches the appliances On or OFF.
- A website written in PHP acts as an interface for human to send commands to Raspberry Pi which stays connected to home WiFi.