Janac Meenachisundaram

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Education

University of Ottawa - Software Engineering, B.A.Sc. 2016.

Summary of Qualifications

- Java/Scala: 4 years of work experience. Spring Boot. Strong background in networking and security.
- Web Stack: 1 year of work experience. TypeScript, ExpressJS, MongoDB, MongooseJS, JavaScript
- Back-end development: GraphQL, RESTful APIs, Spring Boot, AWS, GCP, MySQL

Work Experience

EBlock Inc. - Senior Backend Developer
January 2020 - Present
- Tech stack: Java 11, GraphQL, Spring Boot, Lombok, JPA/Hibernate, MySQL, Freemarker
- Implemented read-only mode for system, using Freemarker for frontend changes, and Spring Boot for REST API changes.
- Architected, coded, and unit-tested the bulletins system, which sends out an announcement to a specified subset of our customers. Handled data operations using JDBCTemplate.
- Performed code reviews and lead team discussions on backend design decisions
- Rebuilt accounting and transaction platform. CRUD operations using GraphQL and JPA

Dibs Studio - Lead Backend Java Developer - Augmented Reality Game - Contract
July 2019 - December 2019
- Modern Java 8 stack: Lambdas, Google Protobuf, Dagger, NoSQL DB, Gradle, BASH
- Responsible for design, architecture and implementation of data models, RPC calls and DevOps
- Implemented features: CRUD operations, player inventory, game logic validation
- Made minor changes in Unity frontend using C#

Equifax - Scala Developer - Big Data Encryption and Tokenization - Contract
July 2018 - June 2019
- Lead team of 3 technical resources to ensure PCI Compliance for protecting data at rest, and in transit. Delegated tasks as needed.
- Delivered production code in Scala for secure RESTful APIs using Spring
- Setup Spark and Apache Camel routes for ingesting big data (200 GB files)
- Integrated templating engine, Handlebars.java and gained a deep understand of Mustache templating
- Tested APIs using Postman, SoapUI. Verified DB transactions using PostgresSQL
- Coordinated company wide effort for secure file level security using Protegrity FileProtector

RBC - Lead Backend Consultant - Algorithmic Trading
August 2017 – July 2018
- Took ownership of NodeJS and Java backend development for algorithmic trading platform, on a team of 10.

- Used Spring Boot to create Java API that connected Node frontend to a KDB backend via WebSockets
- Created RESTful APIs for CRUD operations, using TypeScript, ExpressJS, MongoDB, MongooseJS
- Single-handedly pushed features to production such as: user impersonation, entitlements
- Managed user sessions via MongoDB, PassportJS, LDAP, WSS.
- Implemented React UI components for logout
- Wrote automated tests using Postman for APIs. Unit tested Typescript code using Jest and Supertest

RBC - Java Consultant – Legacy Upgrade

May 2017 – August 2017

- Optimized build process for legacy Java 6 applications. Wrote Ant and Maven scripts.
- Decreased server migration time by 300% using efficient Linux Bash scripts. Vim expert.
- Reverse engineered a poorly documented legacy (decade old) code base. Brought up to compliance.

BlueCat Networks – Java Developer - DNS Security

May 2016 – May 2017

- Secured communication between Jetty RESTful APIs using public key cryptography
- Deployed code to production in TDD style, for updating passwords, micro-services
- Used modern Java 8 technologies, including Guice, Lambda Expressions
- Frequently working With Amazon AWS services such as S3, DynamoDB, KMS, IAM, ECR (with Docker)

Nokia - Java Developer – Adapter Development

May 2014 – September 2015

- Coded Java clients for interfacing with network elements. Added authentication using MAC address verification
- Proficient in Vim, Bash scripting, and Unix tools: top, grep, awk, sed, chmod, date, tail, cal, tar

Health Canada - Mobile Developer

Sept 2013 – May 2014

- Created a prototype of the Canada Food Guide mobile Android app in Java

SASS uOttawa - Web Developer

May 2013 – May 2014

- PHP, JavaScript, MySQL, CSS and HTML5 to ensure WCAG (Accessibility) compliance for university website

Personal Projects

JavaScript Developer, Landmine Incident Tracker

- Used the Google Maps API and Firebase to store and plot civilian landmine incident locations on a map
- Created an algorithm for filtering points on the map, based on age or date of incident

Project Manager, Momenta

- Won 2nd place at StartupWeekend Ottawa-Gatineau, an entrepreneurship competition of 200 participants