# MJ Moshiri

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○ GitHub     </> LeetCode     in LinkedIn

## 💼 PROFESSIONAL EXPERIENCE

**Software Engineer**                                        Jan 2024 – Apr 2024 (Immigrated)
*Treon*                                                                          *Tampere, Finland*
- Led QA for a new project, collaborating with dev and design teams, and product managers from inception.
- Oversaw all QA aspects, including test planning, managing Jira tickets, defining metrics, and test writing.
- Identified bugs pre-release and proposed changes that enhanced user experience and system architecture.
- Stack: Jira, **Jenkins**, Grafana, InfluxDB, **Python**, Bash

**Lab Software Engineer**                                              Oct 2023 – Apr 2024
*Tampere University - Liquid AI Project*                                         *Tampere, Finland*
- Evaluated the existing support for WebAssembly (WASM) across widely used programming languages.
- Determined the optimal **ML/AI** tools in the WebAssembly environment through benchmarking.
- Performed comparisons of key WASM runtimes in terms of performance and support levels.

**Software Engineer Intern**                                           Dec 2022 – May 2023
*Nokia*                                                                          *Tampere, Finland*
- Data Collection and Analysis Platform Team, focusing on Backend using **TypeScript/Go**
- Enhanced API efficiency, achieving a **20%** improvement in load tests.
- Shifted a product to enterprise runners, cutting maintenance tasks and boosting reliability.
- Gained proficiency in **OpenShift** and **Kubernetes** clusters through hands-on experience.

## 🧩 SKILLS

**Java**, Kotlin, **Python**, C, C++, **Go**, TypeScript          **Linux**, Bash, **Git**, AWS, Kubernetes, Docker
**Pytorch**, OpenCV, **TensorFlow**, Keras, **Scikit-learn**      **PostgreSQL**, **Cassandra**, Panda, MongoDB, **Spark**

## 🎓 EDUCATION

**Tampere University** ↗                                                        2021 – 2024
*B.S. in Computing Engineering*                                                *Full Scholarship*

**National Organization for Development of Exceptional Talents** ↗              Acceptance rate < 5%
*Diploma in Mathematics*

## 📙 FURTHER STUDIES & CERTIFICATION

**IBM AI Engineering Professional Certificate** ↗          MIT 6.034 Artificial Intelligence ↗
Cloud Engineer Professional Certificate ↗                  Modern Linux ↗
**Designing Data-Intensive Applications** ↗                Introduction to Algorithms (CLRS) ↗

## 📂 PROJECTS

**Job Search Assistant** ⬈                                              *LLM Microservice*
*Python, Docker, **HuggingFace**, React, **PostgreSQL***

Microservices that simplify the job search process for job seekers by scanning job boards and filtering out positions that match the user's qualifications, thereby saving time in searching and evaluating job fit.

**Log Lyfe** ⬈                                                          *Scalable Logger*
*Go, **Cassandra**, Docker, Make*

High-performance logging API designed for minimal dependencies, consistent reliability, and rapid scalability.

**Second Sight** ⬈                                                      *Android App*
***Kotlin**, Android Studio, **Jetpack Compose**, Hilt, Room*

Time-tracking app developed in MVVM architecture, employing top native Android technologies, standards, and device compatibility settings.

**Blockchain Ecosystem** ⬈                                              *Cryptography*
*Java , Concurrency*

Blockchain ecosystem featuring adjustable difficulty, SHA-256 hashing, and secure data storage. Uses concurrency, thread management, synchronization, and serialization for robust performance.

**Quote Machine** ⬈                                                     *Test Driven Development*
***TypeScript**, React, Robot Framework, SCSS, HTML*

Test-driven, responsive single-page application (SPA) that fetches quotes from the Quote API, and enables sharing on Twitter.

**Code Sharing Platform** ⬈                                             *REST API*
*Java, **Spring Boot**, PostgreSQL, JavaScript, HTML, CSS*

RESTful API-based web application for sharing code snippets, featuring syntax highlighting and customizable access settings.

**HyperLink Fetcher** ⬈                                                 *Web Crawler*
*Gradle, Java, Concurrency*

A blockchain ecosystem featuring adjustable difficulty, SHA-256 hashing, and secure data storage. It incorporates concurrency, thread management, synchronization, and serialization for robust performance.