AMIN REZAEI

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Computer science graduate with 7+ years of professional experience in different agile teams. I am focused and efficient learner with practical expertise in software development. I excel at back-end development and have hands-on experience in front-end and cloud technologies.

EXPERIENCE

Full Stack Developer (JAVA, Python, React JS)
SBQuantum

📅 2022 – Now   📍 Sherbrooke - CANADA

- Develop API services and setup a web server on Raspberry Pi to integrate hardware unit tests with Github CI/CD
- Integration of ML algorithms in AWS SageMaker pipelines to automate ML training procedure
- Develop data collection pipeline to collect data from satellite sensors and provide data in NASA CDF format
- Develop a GUI application using PySide6 to visualize data collected from sensors with many features for customization and selection of data

Backend Developer (JAVA, Spring Boot)
Neshan Maps and Navigation

📅 2019 – 2021   📍 Iran

- Design and develop microservices using Spring Boot and Hibernate, adhering to cloud development principles, for the Neshan Map application with over 10 MILLION users.
- Implement Role Based Access Control with OAuth2 in Spring Security to allow secure authentication and authorization. Integrate this solution with caching strategies to reduce the load of Authentication Server
- Implement an advanced system for managing user feedback and bug reports, including reviewing feedback from end-users, prioritizing issues, and coordinating bug fixes.
- Utilize Kubernetes (K8s) and Rancher to deploy and monitor services effectively in a scalable and distributed cloud environment.

Junior Software Developer (JAVA)
SamianSoft

📅 2015 – 2018   📍 Iran

- Contribution in the agile development of an Android application, iOrder, for automating sales and distribution operations in the field of B2B, using Java and Android Studio
- Implemented features for order management, sales team performance planning, customer information and history tracking, and visitation activity monitoring
- Lead the development of the discount module with MVP pattern, which handled 5 different offer scenarios, enalbed customers launch various sell promotions
- Experience in Android components like ACTIVITIES, SERVICES, BROADCAST RECIEVERS, and work with libraries including Google Maps,GCM, Retrofit, Glide and MPAndroidChart

PROFILE

- Strong interpersonal and teamwork skills
- Skilled in problem identification, solution implementation, and logical reasoning
- Demonstrate understanding, attention to detail, patience and professionalism in addressing needs and concerns

SKILLS

Backend Development
JAVA   Spring Boot   Python   Flask

Frontend Development
React JS   Redux   HTML   CSS

Android Development
Retrofit   Glide   MPAndroidChart

Database and Cloud Technologies
Postgres   MS SQL   Kubernetes   Docker   Redis   Git   Github Actions   Gitlab CI/CD

EDUCATION

M.Sc in Computer Science
Université de Sherbrooke

GPA: 4/4.3

B.Sc in Computer Engineering
University of Sistan and Balouchestanl

GPA: 82.50%

RESEARCH

- **Adaptive Dashboard for IoT Environments: Application for senior residences**
(2023-Smart Living and Public Health)
- **IoT Architecture with Plug and Play for Fast Deployment and System Reliability**
(2022- Healthy Aging in the Age of AI)

HOBBIES

- Puzzle games
- Swimming
- Travelling