Mohammadhossein Haajihosseini

Software Engineer

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⌗ saamTheSoldier

SUMMARY

Software Engineer with 2 years and 7 months of industry experience, specializing in Java, Spring Boot, and database management. Proficient in RESTful API development, Android troubleshooting, and adept with AOSP. Continually deepening understanding of software design patterns and network protocols.

EDUCATION

B.Sc. Computer Engineering
Sharif University Of Technology

📅 Oct. 2020 – ONGOING   📍 Tehran

Physics & Mathematics Diploma
Sadat School

📅 Oct. 2018 – Oct. 2020   📍 Isfahan

EXPERIENCE

Android Core Developer
Mahsan

📅 Dec. 2023 - Jun. 2024 (6 mos)   📍 Tehran

- Contributed to the development of a secure Android ROM using AOSP.
- Leveraged Java, C++, and Kotlin for software development.
- Engaged in collaborative problem-solving within the open-source community.
- Proposed and implemented a creative bug fix for emergency calling on Android 14 for Pixel phones, showcasing problem-solving skills and initiative.
- Developed and integrated a new feature into Android 14, enabling users to share VPN upstream network via tethering, demonstrating innovation and technical proficiency.

Software Engineer
Behpaya

📅 Jul. 2023 - Oct. 2023 (4 mos)   📍 Tehran

- Developed robust REST APIs using Spring Boot and Hibernate.
- Collaborated on the development of "Moein," an integrated operation monitoring system.
- Utilized ClickHouse for big data management.

Junior Back-end Developer
SobhanTech

📅 Nov. 2021 - Mar. 2023 (17 mos)   📍 Isfahan

- Managed SQL database using Hibernate and JPA.

ACHIEVEMENTS

University Entrance Exam
Mathematics and Physics

📅 Jul. 2020   📍 Iran

Ranked 130th among 155,250 participants.

MOTIVATION

Seeking a long-term commitment with a company that values growth and teamwork, aiming to contribute, learn, and evolve within a supportive environment.

SKILLS

Main Skills

- Spring Boot
- Java
- AOSP
- C & C++
- AKKA
- SQL
- Git
- Linux command-line

Other Skills

- VIM
- Python
- Algorithm & Data Structures
- Object-Oriented Concepts and Design Patterns
- Debugging & Testing
- Network Protocols
- Various Software Architectures
- HDL: Verilog
- LaTeX
- JetBrains IDEs
- GitLab, Confluence, Jira
- Effective Searching

INTERESTS

- Learning
- Software Design and Development
- Low-Level Programming
- Theoretical Exploration

- Contributed to a messenger app server with 30 million users.
- Implemented essential voice call features for the messenger server-side.
- Explored software architecture with AKKA toolkit. Got familiar with Actor Model.

Software Engineer Intern
SobhanTech

📅 Jul. 2021 - Nov. 2021 (5 mos)   📍 Isfahan

- Developed RESTful APIs using Spring framework.
- Utilized Spring Data for database management.
- Implemented authentication with Spring Security.

LANGUAGES

English: Upper-Intermediate
Persian: Fluent
Arabic: Elementary

PROJECTS

Yu-Gi-Oh
Advanced Programming Course Project

- Developed a server-client game using Java and JavaFX.
- Showcased teamwork and problem-solving skills.

XV6 FFS
Operating System Course Project

- Added Fast File System(FFS) to XV6 Operating System.
- Implemented in C programming language.