Mohammad Abd

Senior Software Engineer

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Online Portfolio
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Spearheaded the delivery of engineering solutions for web, mobile and native applications, resulting in +15 successful projects and over 8 years of proven success in exceeding client expectations and driving revenue growth.

Skills

Current Stack:
- Java
- Spring Boot
- Quarkus
- Vue.js
- Java Script
- HTML, CSS, SCSS
- Bootstrap, Material
- PostgreSQL
- Realm

- Swift
- Objective-C
- Native Android
- XCTest
- Sqlite
- CoreData
- JUnit / TestNG
- Mockito
- TDD, OOP, FP
- MVVM, MVP, MVC

- Jenkins
- Google Apis / Map
- Firebase
- Swagger
- AWS
- Git
- Jira
- Kanban
- Technical Documentation

Prior Stack:
- C#
- ASP.NET
- MS-SQL

Experiences

Speed4trade GmbH

Senior Software Engineer - Altenstadt, Germany   *04/2022 – Now*

- Member of a high-performing team, delivering two successful web and native iOS mobile applications for industry giants Pnehage and Michelin, recognized leaders in the automotive service and tire industries.
- Enhanced data security by implementing encryption protocols and user authentication processes, ensuring the protection of over 800 user records and reducing potential security breaches significantly.
- Simplify project delivery timelines by implementing automated build and deployment processes, resulting in a 30% reduction in overall project delivery time.
- Aligned closely with the product team to simplify requirements, resulting in a consistent on-schedule delivery of 15+ features within a quarterly timeline.
- Collaborated with the QA team to implement comprehensive unit and UI tests, leading to a substantial decrease in post-release bugs, enhancing application reliability.

Tractive SDN BHD

Senior Software Developer (Mobile) - KL, Malaysia   *04/2019 – 12/2021*

- Developed native mobile applications for both Android and iOS, ensuring compatibility across 10 different device sizes and different operating system versions.
- Collaborated within an agile development framework, leading cross-functional teams to conceptualize, develop, and enhance mobile applications, resulting in a 20% increase in app user engagement and a 30% decrease in reported bugs.
- Integrated a diverse array of third-party libraries, including Crashlytics, Google Maps, Google Analytics, Retrofit, Volley, OkHttp, Gson, and Butter Knife, MapKit, Alamofire, BCrypt, GRDB, and PLCrashReporter optimizing functionality and user experience.
- Implemented a diverse range of design patterns and leveraged the power of the Realm database to craft 10 efficient stored procedures and functions, resulting in a 50% boost in application performance and a 20% increase in database query speed.

Arazi Software Center

Software Developer (Mobile) - Isfahan, Iran   *07/2018 - 01/2019*

- Contributed as a pivotal member of an team in the successful launch of 3 new product features, directly resulting in a 25% increase in user engagement within the first quarter.
- Collaborated with testing team to identify and resolve an average of 10 bugs per sprint, ensuring a more stable product and reducing post-release bug reports by 30%.
- Created a ticketing system to facilitate communication between the company and customers.

Agriculture Organization

Software Developer *- Isfahan, Iran*   *09/2014 - 06/2018*
- Engineered and designed multiple software solutions, resulting in notable 25% increase in operational efficiency and significant enhancements in reporting accuracy.
- Discovered, assessed, and integrated several advanced technologies, noticeably speeding up the creation of projects and enhancing day-to-day task efficiency.
- Produced an inclusive application empowering colleagues to diagnose and troubleshoot system-related challenges, including connection, VPN, server, and hardwares issus.

Projects

PneauFleet Application   **(Web, iOS)**
- An integrated application designed for Pnehage, one of the largest companies in the automotive service industry. The app aims to improve service management, history tracking and customer experience through seamless integration with our web platform.

Location-Based Digital Signage   **(Web, iOS, Android)**
- Established a dynamic content management system for vehicle-mounted advertising screens, enabling users to schedule location-specific ads based on time and date, tailored for the Grab (leading ride-hailing service in Asia).

RMS Central Kitchen Solution   **(Web, iOS, Android)**
- Produced an app for efficient management of food production and retail outlets chain. Enhances productivity through digitalization, smart forecasting, and automation.

Marketing Campaign Administration Tool   **(iOS)**
- Spearheaded the design and implementation of a user-friendly iOS app that empowered Media Agency staff to effortlessly manage and optimize billboard content and advertisements across 6000+ locations nationwide, leveraging seamless integration with Google Maps.

Hotel Management System   **(iOS)**
- Built a comprehensive application catering to Ramada Hotel Group members, enabling effortless registration, room reservations, and Simplified management of memberships, vouchers, and bookings.

Digital Signage Player   **(iOS, Android)**
- Developed an innovative content management solution empowering businesses to schedule and display advertisements seamlessly on their in-house screens.

Movie Booking App   **(Android)**
- Created an app for users to access information about cinemas and the latest movies in Iran, including movie and cinema details, locations, and online booking.

Ringtone App   **(Android)**
- Crafted an Android application offering a diverse collection of high-quality ringtones and alarm tones Offering an easy-to-use platform for users to effortlessly select and personalize their preferred tones.

Education

MSc Software Engineering
Science and Research *- Isfahan, Iran*   *02/2011 - 06/2014*

BSc Software Engineering
Azad University *- NJF, Iran*   *05/2006 - 02/2011*

Language
- **English** (Fluent)
- **German** (B1 – Keep Learning)
- **Persian (**Native)