Amin Zaherdannak

Mobile and Frontend Developer

[REMOTE POSITIONS ONLY]

Iran. Khuzestan

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WORK EXPERIENCE

Mobile and Frontend Developer Shakeylead, Iran - Tehran April 2022 - Present

Shakeylead is an agile company specializing in digital signature, authentication, and financial solutions for businesses and individuals

- Rewrote the entire Emzame digital signature app from scratch, analyzing the original implementation and leveraging AI tools to reduce the APK size by 35% and cut dependencies by 45% (29 fewer dependencies)
- Publishing Android and iOS apps on corresponding stores
- Developed a native module with Kotlin, utilizing AI tools to replace a 3rd-party digital signature SDK, reducing business dependencies
- Created multiple patches to improve or enhance third-party dependencies to meet business requirements
- Collaborated on maintaining five distinct React and Next.js apps

Mobile and Frontend Developer Hamyar Koosha, Iran - Dezful July 2020 - March 2022

Hamyar Koosha, founded in 2019, is a startup focused on developing innovative software solutions for civil engineering and government agencies

- Developed React and React Native apps, optimizing UI performance with efficient REST APIs
- Led a team of 5 developers in building and maintaining codebases for two distinct projects
- Refactored legacy code, improving functionality
- Introduced agile practices, enhancing product development
- Documented workflows in a private wiki for onboarding and knowledge sharing
- Collaborated across systems development lifecycle from requirement gathering to production releases
- Managed user testing, translating feedback into improvements
- Converted customer requirements into use cases and project specs

Independent projects

- **PlateMate**: A desktop app built with Electron, Selenium, TypeScript, Tailwind CSS, and shadcn/ui to automate appointment booking on the government site for car plate changes. **2024**
- **Hyperomet:** A desktop application using Electron, React, MUI and TypeScript. It generates non-linear TCL Opensees models, Pushover, and IDA analysis files, and also transforms the results into the required formats. **2020**
- **Movies App:** An open-source native Android application using MVVM architecture, Lifecycle library, Room ORM, Paging, Glid, and Retrofit libraries. This application consumes a REST api to obtain the data it requires to function. **2019 - 2020**
- **etabs2opensees:** A MATLAB application which builds nonlinear OpenSees models using structures designed by ETABS. **2018**
- Multiple C++, MATLAB and Maple applications utilizing OOP and functional paradigms covering different fields ranging from P-M interaction diagrams for RC columns with circular cross-sections to more advanced topics such as Finite Element, non-linear and Plastic Analyses. **2017 - 2018**

SKILLS

- React, React Native, Next.js, HTML, CSS, Tailwind CSS
- JavaScript, TypeScript
- Git
- Redux
- Axios
- OOP, Design Patterns

PUBLICATIONS & CONTENT CREATION

- **Git, once and for all** 13+ hour comprehensive course on Git and GitHub, covering version control fundamentals and advanced workflows **2024**

EDUCATION

- Java full-stack developer course at Maktab Sharif bootcamp **Jan 2018 - Apr 2018**
- Master's Degree in Structural Engineering at Amirkabir University of Technology **Sep 2015 - Feb 2018**
- Bachelor's Degree in Civil Engineering at Jundi-Shapur University of Technology **Sep 2011 - July 2015**