

Erfan Taghvaei

Software Engineer | Full-Stack Developer



Professional Summary

Software Engineer with 4+ years of experience in React Native and full-stack JavaScript/TypeScript development. Strong background in test automation (Detox, Storybook), CI/CD, and Dockerized deployments. Experience delivering production-grade applications for multiple enterprise clients. Proficient in Microsoft 365 (Outlook, Teams, PowerPoint, Excel, SharePoint) for reporting and stakeholder communication. Fluent in English (C2) and German (B2). Team-oriented, communicative, and self-motivated.

Contact

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Location: Kaiserslautern, Germany

University: RPTU Kaiserslautern

GitHub: <https://erfantagh.github.io>

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Work Experience

Software Engineer / Full-Stack Developer (Working Student)

Neocosmo

02/2023 - 02/2025

Saarbrücken, Germany

- Full-Stack Software Development:** Two years developing modern software solutions with JavaScript/TypeScript for multiple large client projects (PIIPE, KVNO, Riniger, Festo, Hochschule Kempten).
- Test Automation:** Implemented Detox E2E tests with 95% app coverage and isolated Storybook component tests for 80% of all components - significantly increased code quality and reduced bugs.
- Code Refactoring:** Executed comprehensive refactoring initiative following Clean Code principles, reducing React component code by 50% and substantially improving maintainability.
- Shared Component Library:** Developed reusable UI component library deployed across 70% of all apps - drastically reduced code duplication and ensured consistent user experience.
- JavaScript-to-TypeScript Migration:** Complete migration with comprehensive type definitions - strongly typed 60% of all JavaScript variables, significantly enhancing type safety and minimizing runtime errors.
- Independent Complex Feature Development:** Over two months with direct customer communication, analysis, design, and successful completion.

JavaScript

TypeScript

React

Detox

Storybook

Clean Code

Git

CI/CD

React Native Developer (Full-time)

Magiavas

09/2020 - 09/2022

Tehran Province, Iran

- React Native Mobile Development:** Worked on a FinTech app that later generated significant profits for the company through stock market capital.
- JavaScript & ES6+:** Intensive work with JavaScript, ES6+ features, asynchronous programming, and state management for responsive mobile applications.
- API Integration & Data Handling:** Implemented REST API clients, HTTP request handling, JSON parsing, and data management in mobile apps.

- **Customer Communication:** Responsible for communication with Korean customers of the company, as I speak fluent English.

React Native

JavaScript

ES6+

REST API

JSON

Mobile Development

Git

Debugging

Education

Master of Computer Science

RPTU Kaiserslautern

10/2021 - 08/2026

Kaiserslautern, Germany

- Highest grade in Social Web Mining: 1.7
- Circular Economy Seminar: Analyzed and evaluated over 30 scientific papers, created presentations
- German Language Course: 1.5 years intensive learning from A2 to B2 level (2023-2025), communication in German
- Data Visualization: Created reports and visualizations for data analysis projects

Data Visualization

Social Web Mining

Foundations of Software Engineering

Network Security

Product Line Engineering

Foundations of Digital Farming

Bachelor of Software Engineering

Tehran Azad University

03/2017 - 08/2021

Tehran, Iran

Operating Systems

Computer Networks

Data Structures and Algorithms

Object-Oriented Programming

Java Programming

Compiler Design

Skills

Programming Languages

JavaScript

TypeScript

Python

Java

SQL

Frontend & Mobile

React

React Native

ES6+

HTML & CSS

Backend & Services

REST API

Flask

Django

MongoDB

Testing & Quality

Detox

Storybook

E2E Testing

Clean Code

Tools & DevOps

Git

Docker

CI/CD

GitHub Actions

NGINX

Microsoft 365

Outlook

Microsoft Teams

PowerPoint

Excel (Pivot Tables)

SharePoint

Soft Skills

Teamwork

Communication

Customer-Oriented

Self-Motivated

Reliable

Languages

English	C2
German	B2
Persian	C2