



Danial Shafaei

Software Engineer

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WORK EXPERIENCE

Freelancer

May 2023 – Now

Remote

Reference: <https://www.upwork.com/freelancers/danialshafaei>

Full-Stack Developer - Contract

July 2022 - Now

Rootless Technologies Limited

Reference: Kanyesigye Akbr | Role: CEO | Number: +256 776 734087

- 1) Developed a Smart Transit E-Ticketing full-stack mobile app for Uganda that features:
 - React Native and Expo for frontend, with Node.js and Supabase powering the backend
 - Google auth, smart route picker, real-time QR-based Ticketing with verification system
 - Schema Setup: relational database schema with tables for buses, locations, routes, seats, tickets, and trips
 - Screens developed: <https://imgur.com/a/WxkoVBy>
- 2) Collaborated with a three-person team to develop a custom CRM from scratch for the Global Soil Doctors Programme of the United Nations (UN)
 - React and Redux Toolkit for frontend, with Node.js, Express for backend.
 - Employed Sequelize as an ORM for data modeling and interactions.
 - Implemented the database schema using MySQL for robust data management.
 - Developed various controllers to handle operations logic and ensure smooth CRUD operations.
 - Integrated Metabase as an open-source solution for dynamic data visualization and no-code data querying

Full-time Research and Teaching Assistant

October 2020 – June 2022

Eastern Mediterranean University, Famagusta, Cyprus

Reference: Name: Nesrin Özataç | Role: Chair of Finance department | Number: +905338662288

- Teaching Master's and PhD level finance courses such as Investment Appraisal, Statistical Approach in Financial Risk Analysis, Asset and Liability Management, and Corporate Finance
- Collecting data and analyzing financial data using Thomson Reuters DataStream, writing literature review tables on multiple research topics and proof-reading articles.

PROJECTS

Yemen Public Financial Management Hackathon, Amman, Jordan

Placed first by developing a solution with a high-level system architecture for the ministry of finance of Yemen, the event was hosted by the IMF, and sponsored by the Bill and Melinda Gates foundation. As the team leader, I was in charge of the design of the system, and also the development of the back-end from scratch using Node.js, Express, and mongodb.

link to hackathon: <https://yemenpfmhackathon.com/>

link to my solution details: https://www.linkedin.com/posts/activity-7061702508951347200-8g6_/

EDUCATION

Eastern Mediterranean University, Famagusta, Cyprus

October 2020 – June 2022

Masters of Science in Finance • CGPA: 3.66

Eastern Mediterranean University, Famagusta, Cyprus

January 2017 – August 2020

Bachelors of Science in Banking and Finance • CGPA: 3.42