

Tarek Halabi

FULL STACK ENGINEER

Employment History

Full Stack Engineer, Harmonia Holdings Group LLC, Mclean, VA

SEPTEMBER 2022 – PRESENT

- Integrated with a dynamic, fast-paced team on the recommendation of the Project Manager to meet increased demand for a proficient full-stack engineer
- Led the design and development of new components for the User Interface, enhancing overall user experience
- Engineered and optimized Angular and GraphQL codebase to efficiently manage databases and microservices, streamlining data handling processes
- Automated SQL database updates via GraphQL mutations triggered by frontend changes, significantly reducing manual data entry and enhancing system efficiency

Software Developer, Harmonia Holdings Group LLC, Mclean, VA

DECEMBER 2021 – SEPTEMBER 2022

- Utilized Spring framework in Java for USCIS platform UI and microservices
- Managed databases and backend processes using pgAdmin and JDBC for client-driven updates
- Automated file operations in internal S3 buckets using Amazon SDK
- Introduced training-oriented design for developer onboarding
- Thrived in Agile environments with strong stakeholder communication
- Led UI design discussions and delivered client demos for alignment

Radio Test Coverage Consultant/Radio Programmer, SBP Motorola Subdivision, Glenelg, MD

MAY 2017 – DECEMBER 2019

- Conducted radio signal testing across diverse states, optimizing coverage for essential public services like fire departments, police stations, and EMS.
- Programmed and maintained Motorola radios for optimal performance.
- Led offsite projects in various states, managing teams of 3+ employees.
- Generated field reports, tracked progress, and maintained financial records.
- Provided valuable training to new team members, ensuring their proficiency in client operations and system management prior to project assignments.

Education

Bachelor of Science, Computer Science, Bachelor of Science, Computer Science, MD College Park

Certified in SAFe 5 Agilist

OCTOBER 2022 – OCTOBER 2023

Projects

Slackr Application - Online Study Group Android Application

SEPTEMBER 2022 – PRESENT

- Developed an Android app facilitating online connections among college students through joinable class-based group chats
- Leveraged Google Firebase for user authentication and created a social media-like environment within the app
- Implemented the project using Kotlin and currently undergoing a rewrite in React Native to ensure cross-compatibility across platforms

Details

Active Public Trust Clearance

Bethesda, MD, 20852

<https://www.linkedin.com/in/tarekhalabi/>

5715359863

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Programming

Angular

Java

JavaScript

TypeScript

Node.js

PostgreSQL

HTML & CSS

Spring Boot

C++

React

Python

GraphQL

MySQL

jQuery

Skills

Web-Based Software Engineering

Unit Testing

Code Reviews

Database Programming

CI/CD

AWS

Kubernetes