

Tarek Halabi

Senior Full Stack Engineer

CONTACT

Location: McLean, VA

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SKILLS

CORE STACK

React

TypeScript

Node.js

Python

Go

FRONTEND

React, TypeScript, JavaScript, Angular, HTML5/CSS3

BACKEND

Node.js, Python, Go, Java/Spring Boot, GraphQL, REST APIs

CLOUD & INFRASTRUCTURE

AWS (EKS, EC2, S3, Lambda), GCP, Docker, Kubernetes, CI/CD

DATABASES

PostgreSQL, MySQL, NoSQL

PRACTICES

Agile, Code Review, Iterative Development, User-Centric Design

EDUCATION

B.S. Computer Science

University of Maryland
College Park, MD
Graduated 2021

CERTIFICATIONS

6+ years building production full-stack software with deep focus on **usability** and **scalable internal platforms**. Excel at modern web development: **React**, **TypeScript**, **Node.js**, **Python**. Strong experience with **AWS cloud services** (EKS, EC2, S3) and proven track record of **reliability and iterative improvement**.

Passionate about understanding user needs and building software that empowers teams.

PUBLIC TRUST CLEARANCE

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer

Nov 2025 - Present

ID Dataweb

McLean, VA

- Build and maintain **scalable internal platform** for identity verification serving 100K+ daily verifications with focus on **reliability** and **usability**
- Develop modern web applications using **React**, **TypeScript**, and **Node.js** with iterative improvements based on user feedback
- Design RESTful APIs and microservices with **Python** and Java emphasizing security, performance, and maintainability
- Deploy and manage production services on **AWS (EKS, EC2, S3)** ensuring 99.9% uptime
- Collaborate with cross-functional teams to understand user needs and deliver empathetic, user-centric solutions

System Engineer

Nov 2023 - Nov 2025

ID Dataweb

McLean, VA

- Built **production full-stack platform** for enterprise identity verification using **React**, **TypeScript**, and microservices architecture
- Developed backend services with **Node.js** and Java Spring emphasizing scalability and performance
- Drove **iterative improvements** to platform usability through user research and A/B testing
- Managed cloud infrastructure on **AWS (EKS)** with focus on reliability, monitoring, and automated deployment
- Mentored team members on modern web development practices and fostered culture of empathy for end users

Full Stack Engineer

Sept 2022 - Nov 2023

Harmonia Holdings Group

McLean, VA

- Led design and development of UI components, significantly enhancing user experience
- Engineered and optimized **Angular and GraphQL** codebase to manage databases and microservices
- Automated SQL database updates via GraphQL mutations triggered by frontend changes
- **Reduced manual data entry by 60%** through intelligent automation strategies
- Thrived in Agile environments with strong stakeholder communication and collaboration

Software Developer

Sept 2021 - Sept 2022

Harmonia Holdings Group

McLean, VA

- Utilized **Spring framework** in Java to develop USCIS platform UI and microservices
- Managed databases and backend processes using pgAdmin and JDBC for client updates
- Automated file operations in internal S3 buckets using **Amazon SDK**
- Introduced training-oriented design patterns to streamline developer onboarding
- Led UI design discussions and delivered client demos ensuring project alignment

FEATURED PROJECTS

Slackr Application - Study Group Platform

Developed an Android application facilitating online connections among college students through joinable class-based group chats. Features real-time messaging, user authentication via Firebase, and social media-like environment. Currently undergoing rewrite in React Native for cross-platform compatibility.

Kotlin

React Native

Firebase

Real-time Messaging

Android