TO'A HECK

Bay Area, CA • toaheck1@gmail.com • (209) 597-1235 • linkedin.com/in/toa-heck • toaheck.com • github.com

SKILLS

- **Languages:** JavaScript, Python, Swift, SQL, HTML, CSS, Java, C++
- **Frameworks and Libraries:** React, Node.js, Bootstrap, Tailwind
- **Databases and Tools:** Microsoft SQL Server, Firebase, Git, GitHub, Xcode, Jira, IIS

PROFESSIONAL EXPERIENCE

FORTY-ME LLC — **Pleasanton, CA**
Freelance Software Engineer — **05/2023-Present**
- Developed iOS application using Swift and SwiftUI to connect high school student-athletes with college recruiters, enabling profile showcasing and recruitment management.
- Translated 20+ Figma UI/UX designs into functional SwiftUI components, collaborating closely with designers to ensure pixel-perfect implementation and optimal user experience.
- Architected and integrated Firebase backend infrastructure for user authentication, real-time database management, and secure data storage across athlete and recruiter user roles.

LEVERX — **Remote**
Junior SAP Ariba Consultant — **07/2025-Present**
- Configured enterprise procurement systems for Fortune 500 clients, translating business requirements into technical implementations.
- Partnered with developers and business analysts to gather requirements, troubleshoot system issues, and design solutions.

TOPCON POSITIONING SYSTEMS — **Livermore, CA**
Software Development Intern — **11/2022-07/2025**
- Developed and maintained a full-stack purchase requisition web application using Classic ASP, VBScript, JavaScript, HTML, CSS, and Microsoft SQL Server on IIS, integrating with SAP ERP systems to streamline procurement workflows.
- Engineered Python-based ETL automation pipeline using pyODBC and OpenPyXL libraries to process Excel data and update SQL Server database, reducing manual processing time by 60% and eliminating data entry errors.
- Crafted JavaScript, HTML, and CSS interfaces to support new Zebra scanners, resolving upstream SAP configuration issues and accelerating training time for new warehouse employees.

PROJECTS

SPOTIFY TOP 10 TRACKER
https://github.com/ToaHeck/Your-Top-10-v2
- Built and deployed a full-stack web application using JavaScript, HTML, CSS, and Bootstrap to display a user's top 10 most-listened-to Spotify tracks with a responsive design.
- Implemented OAuth 2.0 PKCE authentication for secure Spotify Web API integration and deployed on Netlify with serverless functions for API key management.

AI FLOWER DETECTION APP
https://github.com/ToaHeck/AI-Flower-Detector-iOS16
- Built a modular iOS app using Swift, CoreML, and Wikipedia API for ML-powered flower identification with real-time camera processing using Oxford 102 flower dataset.
- Implemented protocols, delegates, and closures demonstrating advanced iOS development patterns and API integration for content retrieval.

DATABASE MAINTENANCE PROGRAM
https://github.com/ToaHeck/Python-Update-List
- Created a system to identify and reconcile discrepancies between database and weekly-updated Excel sheets, including changes in part numbers and descriptions.
- Incorporated SQL queries to update the database with corrected and new data from Excel sheets, ensuring data integrity and consistency.

EDUCATION

CALIFORNIA STATE UNIVERSITY, EAST BAY — **Hayward, CA**
B.S - Computer Science — **2023**