

# Vehbi Karaagac | Software Engineer

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## WORK EXPERIENCE

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### SCIENCELOGIC | SOFTWARE ENGINEER II

**Reston, VA** June 2021 - Present

Software Engineer II

Apr 2025 - Present

- Built and scaled **Business Services monitoring** in SL1 AIOps SaaS platform (**Node.js**, **GraphQL**, **React.js**, **AWS**), powering real-time **health, availability, and risk** views for business-critical systems.
- Improved SL1 monitoring algorithms and health calculations, contributing to **32.4% faster incident resolution** and **11% YoY managed-services revenue growth** for MSP customers.

Software Engineer I

Jun 2022 - Apr 2025

- Resolved **50+ high severity customer escalations**, debugging production microservices to restore mission-critical service visibility for **Fortune 500** enterprises and **U.S. government agencies**.

Software Engineer Intern

Jun 2021 - Aug 2022

- Hardened the Business Services platform for **FedRAMP** readiness by addressing **XSS, CSRF, and SQL injection risks**, remediating **Coverity/SonarQube** findings, and supporting **PHP 8** and **Python 3** upgrades.

### OAKWIN LLC | FOUNDING ENGINEER

**Remote** May 2025 – January 2026

- Led a **3-engineer** team to build **MVPs** and implement custom software for existing platforms, + client contracts, **peak revenue ~\$15k/quarter**.
- Stella Trainer**: Integrated modern UI frameworks and white-labeling into a legacy LMS system for restaurants.
- MedLaunch**: Developed an **EHR/HCM aggregator** (GoLang, React.js, Google Cloud) to track and analyze healthcare provider performance across medical practices.
- MESA**: Delivered the MVP for a music-royalty smart-contract platform enabling automated payment splits.

### DECITECH | FULL STACK DEVELOPER INTERN

**McLean, VA** Oct 2019 – March 2020

- Built and deployed a **CRM-driven sales dashboard** using the **MERN stack**, integrating third-party APIs and delivering real-time sales visibility on **MongoDB + Heroku**.
- Designed and maintained **client-facing web applications** with HTML5, CSS3, and JavaScript, emphasizing clean architecture, usability, and production-quality code.

## PROJECTS | HACKATHON WINS

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### HOMEREELS

[Demo & App Store](#)

- Ran a **4-engineer team** building an **intelligent real estate discovery** and property management platform, leveraging **LangChain** and **Perplexity APIs** to power AI-driven property recommendations and insights.
- Built and shipped an **iOS app** using **React Native** and **TypeScript** with **Firebase** authentication and storage, integrated video playback, and deployed on the App Store.

### SUGGESTI (HACK AT DAVIDSON)

[Devpost](#) & [Github](#)

- Won First Place, [Best use of Artificial Intelligence](#) at Davidson's Hack@Davidson.
- Trained an AI model to suggest alternative purchases for students depending on their current spending. Utilized **OpenAI API**, React.js and Node.js

## SKILLS

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**BACKEND TECHNOLOGIES:** NodeJS, Python, Go, Java, TypeScript, GraphQL, MySQL, AWS, GCP, Firebase, Azure

**FRONTEND TECHNOLOGIES:** JavaScript ES6, React JS, React Native, Flutter, SwiftUI, HTML5, CSS3

## EDUCATION

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**GEORGE MASON UNIVERSITY:** B.S. Major: Computer Science May 2018 - May 2022, Fairfax, VA