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Harold Park

Full-stack web engineer specializing in React, Vue, and modern front-end Web technologies

EXPERIENCE

Tech Mentor	Mentorcruise & Springboard Remote	June 2023—Current
▪ Provided personalized mentorship to software engineering students facing challenges transitioning into tech careers by delivering expert guidance on industry standard web technologies and supporting project-based deliverables by providing pair-programming support and detailed feedback, contributing to high student satisfaction and a strong program graduation rate.		
Senior Software Engineer	Scope Remote	July 2023—Dec. 2024
▪ Delivered full-stack development for consumer-facing cloud web application, connecting users to its AI-powered rope inspection system to enable scanning, reviewing, and managing safety-critical rope data. Using Vue and Node, collaborated on Figma designs, and took ownership of the customer-facing web app, enabling seniors to focus on data pipeline enhancement.		
▪ Developed an MVP for a training platform that processes pre-existing AWS S3-hosted rope images through Scope's LLMs, enabling manual correction of misclassifications via tagging to mitigate false positives/negatives and improve LLM accuracy in anomaly detection.		
▪ Enhanced cross-functional collaboration and knowledge transfer by authoring 1000+ structured technical tickets in GitLab with detailed acceptance criteria, R&D notes, and traceable feedback loops. Pioneered internal documentation in Notion for complex user stories and system behaviors, reducing onboarding time and improving team efficiency.		
▪ Modernized front-end testing practices by implementing Vitest and Storybook, integrating automated test suites into CI/CD pipelines and significantly reducing post-deployment defects, improving code reliability.		
▪ Revitalized back-end architecture by migrating our PostgreSQL REST API to use modern technologies like Prisma ORM and Tanstack Query, simplifying data-fetching code and enhancing maintainability for future scalability.		
Software Engineer	BrainGu Remote	May 2020—March 2023
▪ Delivered full-stack development of mission-critical features and bug fixes for the cloud-based WIDOW (Web-based Information Dominant Warfare) application from inception using React (front-end) and Django (back-end) in a DevSecOps environment, enabling real-time mission planning and multi-branch military collaboration, directly supporting the US Air Force's \$15M STRATFI contract award.		
▪ Maintained CI/CD pipeline across multiple application environments, achieving 80%+ test coverage and ensuring 100% compliance with Platform One security standards, enhancing system reliability and deployment efficiency.		
▪ Resolved mission-blocking defects during live military exercises by deploying hotfixes in real-time, directly enhancing end-user operational readiness and system trust.		
▪ Built a functional MVP for the LIFTT event management web app in 8 weeks using Next.js, collaborating with a designer through Figma to enable real-time data tracking and exercise coordination for military training exercises.		
Full-stack Developer	CICOM Software Los Angeles, CA	Nov. 2018—Mar. 2020
Freelance Developer	Sam Costa Studios Remote	Jan. 2017—Jun. 2017
Software Developer Intern	BASIS.ed Scottsdale, AZ	Oct. 2016—Dec. 2016

TECHNICAL SKILLS

LANGUAGES: Javascript (Fluent), HTML (Fluent), CSS (Fluent), Python (Intermediate), Rust (Basic), C# (Basic), C++ (Basic)

FRONT-END: Typescript, ReactJS/Redux, react-query, VueJS/Vuex, NextJS, SCSS/LESS, Tailwind, Figma, D3, Tanstack, Vite, Webpack

BACK-END: Node/Express, SQL, DjangoREST, Postgres, Prisma, AWS, Mongo, .NET, Firebase, Docker, Golang

TESTING: React/Vue Testing Library, Jest, Vitest, Storybook, Enzyme, Cypress, Jasmine

CERTIFICATIONS

CompTIA SY0-601 Security+ Certified

2023—2026

EDUCATION

The George Washington University, B.S.

Washington, DC

2010—2014