

# Alden Davidson

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## PROFESSIONAL SUMMARY

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Software engineering professional with experience developing and designing applications using modern web technologies. Strong interest in continuous learning and using new tools to improve products and processes. Adept at developing and deploying full-stack solutions with a relentless and passionate focus on user outcomes.

## SKILLS

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**Languages & Tools:** Azure Kubernetes Services, CSS, Docker, Git, Kotlin, Linux,  $\text{\LaTeX}$ , React, React Native, Spring, SQL, TypeScript

**Practices:** Continuous Integration, Extreme Programming, Test-Driven Development, User-Centered Design

## WORK HISTORY

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Feb 2024 – Current

### **SkillBridge Internship: Software Engineer**

Sagely | Remote

- Built a social learning platform to guide users' personal and professional learning journeys, using TypeScript, React, and TailwindCSS.
- Integrated OpenAI's GPT using LangChain and Jina Reader to organize, curate, and contextualize user content
- Ensured feature parity on both web and mobile applications to create a consistent user experience

Jan 2022 – Feb 2024

### **Full-Stack Software Engineer**

United States Space Force | Los Angeles, CA

- Developed and sustained two full-stack applications, using TypeScript, React, Kotlin, and Spring, to modernize satellite management for 1200+ global users
- Transitioned two applications from Cloud Foundry to Azure Kubernetes Services as tracers for new pipeline and deployment environment
- Led scoping of project requested by USSF Chief of Space Operations to allocate satellite resources from multiple locations

Nov 2019 – Dec 2021

### **Project Manager**

United States Space Force | Los Angeles, CA

- Planned, scheduled, and negotiated \$28M follow-on for \$34M project
- Monitored project performance to identify and implement improvements
- Supervised cross-functional team of 8 to manage project issues and risks
- Provided detailed project status updates to users, executive management, and other stakeholders

## EDUCATION

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May 2019

### **Bachelor of Science: Computer Engineering**

Rochester Institute of Technology | Rochester, NY