

Richie Farman

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Software Engineer with 8+ years of experience building web applications and leading teams.

Experience

Senior Product Engineer | Klutch (September 2025 - Present)

2025–Present | Seattle, WA

Building mission-critical project management & automation software for space operations.

- Ship full product features end-to-end—from discovery & UX prototyping to production rollout.
- Rapidly prototype workflows to validate customer value and drive roadmap decisions.
- Collaborate across engineering, design, and leadership to define scope, architecture, and KPIs.
- Fix high-severity issues in classified environments, ensuring security, reliability, and compliance.

Senior Software Engineer | Klutch (May 2025 - September 2025)

Building apps for customers to supercharge their credit cards

- Rebuilt Klutch's flagship app from the ground up on Next.js, expediting load times, improving developer productivity, and working with a design agency on a total rebrand of the UI.
- Built an LLM powered insights tool that provides helpful daily insights into spending and a chat interface.
- Built an app to process user-uploaded images of receipts into structured data using the AWS Textract API.
- Conducted hiring processes, including writing job postings, interviewing, onboarding, and training.

Research Assistant | Samuel Pfaff Lab @ The Salk Institute (October 2024 - May 2025)

Building software tools to help researchers develop treatments for genetic diseases

- Automated a process that took valuable time from biotech researchers into an easy-to-use interface, expediting the development of treatments for rare genetic diseases from hours to seconds.
- Built an AI-powered search tool using the OpenAI Embeddings API to enable researchers to find relevant genetic sequences using natural language queries.
- Co-authored a soon-to-be-released academic research paper on the successful preclinical treatment of muscular dystrophy in mice, showcasing the web platform as a best-in-class research tool

Senior Software Engineer, Marketplace Team Lead | Nori (June 2018 - October 2024)

Building a multi-million dollar market and removing hundreds of thousands of tonnes of carbon from the atmosphere.

- Led development on a critical software platform for a carbon marketplace that facilitated tens of thousands of transactions and millions of dollars in revenue.
- Built key software integrations with computer vision and carbon sequestration models, reducing time-to-market for onboarding supply from over a year to less than two weeks.
- Revamped the company's marketing site to make targeted improvements for key metrics like SEO scores, rendering performance, conversion rates for purchases, and other KPIs.
- First-hired and longest-serving employee, playing a key role in strategic planning, hiring, training new employees, and building a strong company culture, scaling from 9 to over 30 employees.

Software Engineering Intern | Carduner Consulting (2016)

Building best-in-class skills in full-stack software engineering

- Re-engineered the front-end for an in-browser IDE using React to provide better performance and maintainability for software used by CS students across multiple universities.
- Received in-depth insights into best practices in full-stack development and technical leadership through 1:1 mentorship with Meta's former Head of Engineering.

Education

Whitman College (2014 - 2018)

Graduated with a Bachelor of Arts in Computer Science

- First official graduate of the Computer Science program at Whitman College, with a background in liberal arts.
- Capstone project on improving performance for AI pathfinding algorithms using A* search.
- Founder of CS@Whitman, an on-campus community of over 50 students dedicated to building skills and experience in software development.
- Pitched and received a \$15,000 grant from the Port of Walla Walla, designed and built a co-working space on campus for educational programs benefiting the community of Walla Walla.
- Selected as a CS mentor, tutoring hundreds of students, assisting with class sessions, and running boot camps and workshops for various skill levels and disciplines.

Intercultural Institute of Japan (2014)

International cultural and language immersion in Tokyo, Japan

- Immersed in Japanese culture and language during a year abroad in Tokyo, achieving conversational proficiency in Japanese and conducting research on historical and modern Japanese language and culture.

Skills

8+ years of building and maintaining critical software systems using technologies across various disciplines.

- **Languages:** TypeScript, Python, Solidity
- **Frameworks:** React, Next.js, Node.js
- **AI/ML:** LLM integrations (OpenAI, Claude), Embeddings, CV APIs (AWS Textract)
- **Cloud/Infra:** AWS, GCP, Docker, Kubernetes, NGINX, CircleCI (CI/CD)
- **Databases:** PostgreSQL (SQL), MongoDB/Datastore (noSQL), BigQuery (warehouse)
- **Testing/Tools:** Jest (unit, integration), Cypress (end-to-end)

Personal

Some of my volunteer work, personal projects, and efforts to leave the world a better place.

- Two-time SCOPY award winning director for '3-2-1 Get Screened!', a public health video directed at building colorectal cancer awareness, with a focus on Spanish-speaking audiences.
- Crowdfunded \$6,400 for a biotech research project analyzing the adverse health effects of meal replacement supplements.
- Worked with Davis Police and Fire Departments to direct 'Every Fifteen Minutes', a film project that targets preventative drunk driving awareness for High School students.
- Designed and developed VIGIL, an app that provides on-campus resources to students seeking support for surviving through trauma.