

Shaan Fulton

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EDUCATION

University of California, Berkeley

Bachelor of Arts in Computer Science and Economics

May 2026

GPA: 4.0

Relevant Coursework: Data Structures and Algorithms, Discrete Math, Probability Theory, Econometrics, Statistics, Linear Algebra

TECHNICAL SKILLS

Languages: Typescript, CSS, SQL, Python, Java, R, Swift

DevOps: AWS CDK, ECS, EC2, Kubernetes, Docker compose, GitHub Actions, Git

Databases: PostgreSQL, MongoDB

Tools: Figma, Adobe Illustrator, Google Ads, Google Analytics

WORK EXPERIENCE

TELO Trucks

Web Development Lead

San Carlos, CA

May 2024 - Present

- Architected, designed, and deployed a scalable pre-order website increasing vehicle pre-orders from \$5M to \$25M per month and handling up to 170,000 daily users using Next.js, Express, and PostgreSQL.
- Implemented infrastructure as code using AWS CDK and Docker to orchestrate CI/CD pipeline on website database and server ECS clusters saving company 50+ dev hours per month.
- Automated database migration by developing Python ETL scripts, successfully migrating 10K records from archived CSV to PostgreSQL with zero downtime.
- Implemented Sentry logging and AWS cloudwatch alerts to capture and resolve 100+ code issues, reducing monthly site-related customer complaints by 99%.
- Implemented custom Express CMS with MongoDB, to create automated press releases and blog posts, saving 20+ marketing team hours per month.

Jerry's Club

Co-Founder and Software Lead

Berkeley, CA

January 2024 - Present

- Leading software team in developing marketplace app built on React Native and Django REST framework.
- Developed intelligent RAG system using local Llama 3 for dynamic query generation and semantic search across PostgreSQL pricing data, feeding contextualized results to OpenAI API to achieve industry-leading 99% accuracy on product price valuations, generated up to 10x faster than recommerce competitors.
- Mentored by Tesla co-founder Marc Tarpenning on product and technical strategy.

Jump Robotics

Co-Founder and Software Lead

Palo Alto, CA

August 2019 - May 2023

- Architected team structure and task management for 20-member robotics engineering organization, implementing Git workflows and agile methodologies across 3 sub-teams.
- Optimized Google Ads campaigns with Google Analytics and modular Next.js landing pages to A/B test contribution routes, achieving \$150K in annual monetary contributions as well as \$100K in-kind.
- Developed robot control systems in Java, implementing custom PID design to control swerve-drive drivetrain, increasing reliability from 50% to 100% and resulting in winning the FRC Design Award (among 3,500+ competing global teams).

OpsCruise

Software Developer

Sunnyvale, CA

June 2019 - December 2021

- Designed and developed high-conversion website for Kubernetes observability startup using React and TypeScript, contributing to successful acquisition by Virtana at \$30M valuation.
- Collaborated with marketing team to A/B test landing pages, resulting in enterprise demo requests by Tesla, Comcast, and other Fortune 500 companies generated directly through the website.