

Darrel Schreiner

[in LinkedIn](#) | [405-248-8465](#) | [Portfolio](#) | [darrelmschreiner@gmail.com](#) | [GitHub](#)

Skills

- Python | Java | Golang | Docker | Kubernetes | TypeScript | JavaScript | MySQL | Node | Express | TailwindCSS | React | Vite | Redux | Git
- AWS | Machine Learning | CI/CD | TensorFlow | PyTorch | Jupyter Notebooks | Bash | Linux | Jenkins | Flask | Unit Testing | OOD
- Microservices | Frontend | Backend | Full-Stack | Cybersecurity | Networking | Distributed Systems | Hardware Provisioning | English

Experience

Software Engineer **Dell Technologies** *Los Angeles, CA, USA* **06/2022 - 02/2024**

- Developed enterprise-level telecommunication infrastructure management application as part of the Infrastructure Solutions Group, and contributed to generating \$9.3 billion annual revenue by utilizing technologies such as **Golang, Docker, Kubernetes, and AWS**.
- Designed and implemented scalable APIs and background workers for managing first- and third-party hardware using **Cloudify, Kafka** and **AWS cloud technologies** that serve millions of infrastructure lifecycle management requests daily.
- Led the development of remote serviceability feature using Embedded Service Enabler and SCG, facilitating advanced telemetry and support functionalities, which enhanced remote management and support capabilities for **Dell, HPE, and Supermicro** servers.
- Architected automated **Ubuntu** OS deployment with BIOS and BMC attributes that increased deployment and efficiency by 20%
- Investigated Kubernetes deployment in dual-stack IPV6 environment to enhance network management.
- Prioritized image security management for **Docker** containers to minimize risk and decrease vulnerabilities by 50%.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Software Engineer **CAKE DENIM** *Los Angeles, CA, USA* **10/2016 - 06/2022**

- Designed and implemented enterprise marketing applications of e-commerce platforms driving targeted marketing strategies that increased engagement by 40% with personalized marketing using Node, React, Redux, **Vite**, and **TailwindCSS**.
- Directed A/B testing for website optimization, achieving a 15% improvement in user experience and conversion rates.
- Developed financial scoring models to tailor product suggestions, increasing cross-sell opportunities by 30%.

Software Engineer, Intern **NRC** *San Francisco, CA, USA* **05/2021 - 12/2021**

- Designed cloud-integrated language automatic speech recognition web application for AI research using **JavaScript, Python, React, AWS**, and **Flask**.

Software Engineer, Intern **Properly, Real Estate Startup** *New York, New York, USA* **10/2020 - 02/2021**

- Reorganized SQL databases, optimized data retrieval processes, and improved team efficiency by 60%.

Education

Master's of Science **Northeastern University** *San Francisco, CA, USA* **01/2020 - 05/2022**

- Major in Computer Science, GPA 3.74

Projects

- **AI SaaS Platform**: Designed and developed an AI image SaaS with image processing, secure payment infrastructure, and user authentication using **Next.js, Typescript, MongoDB, Clerk, Stripe, Shadcn, TailwindCSS** (04/2024)
- **TechNotes**: Developed a note management system using **React, MongoDB**, and **Express** featuring user **authentication**, role-based access control, and optimized interface for desktop and mobile. **(11/2023)**

Certifications

- Yellow Belt Security Training
- Kubernetes and Golang (LinkedIn Certification)
- Supervised Machine Learning: Regression and Classification

Mentorship

- **Girls Who Code Club Facilitator**: Coding Mentor responsible for mentoring and giving career advice to high school students.
- **Dell Summer Intern Mentor**: Guided summer intern to successfully contribute to key projects and develop essential skills.

Leadership and Awards

- **Women Who Empower**: Selected as a finalist for a prestigious award as a Computer Scientist and Sustainable Fashion Advocate.
- **Hack.Diversity Fellow**: Selected as one of 50 participants in an invite-only summit for early-career software engineers committed to equity, diversity, and inclusion in the impact of tech.