Anish Shanbhag

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EDUCATION

University of California, Berkeley   **Class of 2025**
B.S. Electrical Engineering and Computer Sciences (EECS)   GPA: **4.00/4.00**
Relevant Coursework: Operating Systems | **Data Structures** | Discrete Math | Multivariable Calculus |
Computer Architecture | **Databases** | Machine Learning | **Algorithms** | Computer Security

EXPERIENCE

PDT Partners - Software Engineering Intern   **New York, NY** • June 2023 – August 2023
- Expanding **RESTful API** functionality of a scalable **distributed compute** platform for **quantitative trading**
- Designed and implemented a high-performance **server provisioning** system using **Go, AWS, Kubernetes, Prometheus,** and **PostgreSQL**, resulting in a **106x initialization speedup** and **97% failure reduction**

UC Berkeley Engineering - Teaching Assistant   **Berkeley, CA** • August 2022 – present
- CS 61B - Fall 2022 - teaching **data structures/algorithms** in labs, guiding students through **Java** projects
- CS 198: Intro to Full-Stack Development - Fall 2023 - **Lecturing** on core web technologies like **React** and **SQL**

Web Development at Berkeley - VP of Engineering   **Berkeley, CA** • January 2023 – August 2023
- **Led 3 project teams** including over **30 developers/designers** to source, scope, and deliver web apps to clients
- Made key **engineering decisions** for projects including **frontend architecture** and **technology stack**
- Oversaw all of the organization's external communication, including sponsorship deals and client outreach

Convex - Full Stack Developer   **San Francisco, CA** • September 2022 – January 2023
- **Led 10 designers/developers** to create a **full-stack collaborative text editor** used for recruiting software
- Utilized **TypeScript/React/Next.js**, and Convex's database platform to implement the web app

Weekly - Full Stack Developer   **Tempe,** AZ • January 2022 – July 2022
- Built a SaaS productivity tracking website with **TypeScript/React/Next.js** that helps users analyze screen time
- Collaborated with 14 developers to architect backend **APIs** using **Express, AWS DynamoDB**, and **OAuth**

PROJECTS

AutoBlog
- Developed a **web-based** software platform for **interactive programming tutorials/articles**
- Built a website with **TypeScript/React/Next.js/Docker** allowing users to write, share, and browse tutorials
- Created a highly performant **CLI** with **TypeScript/Rust** enabling programmatic code generation

DeFolder
- Created a **modern file explorer** for Windows with searching/navigation **250% faster** than native explorer
- Designed a responsive user interface built with **React**, **Electron**, and the **Framer Motion** animation library

SKILLS

Languages: TypeScript, Go, SQL, C++, Rust, Java, HTML, CSS, JavaScript, C#
Technologies/Frameworks: React, Svelte, Node.js, AWS, PyTorch, Docker, Kubernetes, Google Cloud, PostgreSQL, Git, Express, NumPy, Pandas, Azure, Firebase, MongoDB, Vue.js, React Native, Web Scraping