

# Darya Kutowaya

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## TECHNICAL SKILLS

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**Front End Frameworks** | JavaScript (ES5 and ES6), TypeScript, React/React-Native, NextJS, CSS3, Bootstrap, Tailwind, Figma, AdobeXD

**Back End Frameworks** | Node.js, Express, MongoDB, PostgreSQL, MySQL, RESTful API Development, Java, Python, Databases

**Testing/Deployment** | Jest, Mocha, Chai, Postman, Netlify, Hostinger, GoDaddy, AWS: EC2, RDS, Git

## SOFTWARE ENGINEERING - PROJECTS

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### Full Stack Engineer | ailith.co | 2024 - present

- Shipped a **React 18/TypeScript/Tailwind** dashboard with UI components, responsive layouts, and modular pages for rooms, targets, scenarios, and analytics.
- Implemented **Supabase Edge Functions** plus **SQL** tables for room layouts, device snapshots, and metrics cache, securing **AWS IoT** proxy calls with JWT validation and adaptive polling.
- Built an interactive **Konva**-based room designer so users can sketch rooms, drag/drop targets, and persist placements while floating toolbars preserve editing controls on touch devices.
- Orchestrated game presets, countdown flows, and live sessions that coordinate **AWS IoT RPCs**, **WebSocket** feeds, and multi-step state transitions via Zustand stores.

Skills: React 18, TypeScript, Vite, Tailwind CSS, shadcn/ui, Zustand, Supabase (Auth + Edge Functions), AWS IoT, Konva.js, Axios/REST APIs, WebSockets,

### Full Stack Engineer | Dozer.ai | 2024-2025

- Designed and developed a marketing website using **NextJS** and **Tailwind** from the ground up for an **AI Collision Avoidance System** Startup, leveraging video assets via **REST API** to implement a custom 360-camera video player
- Created responsive navigation menus, including a hamburger menu for smaller devices, ensuring seamless user experience across all screen sizes.
- Built a client tracking form connected to an existing **AWS database**, streamlining lead management and client onboarding processes.
- Developed marketing materials, including pitch decks and hero videos, to enhance investor and client engagement.
- Set up **HubSpot CRM**, establishing a client pipeline from the marketing site, enabling efficient client tracking and lead conversion.

Skills: React, Next.js, Tailwind, AWS, HubSpot CRM, REST API, Responsive Design, Video Integration

### Full Stack Developer and Designer | Climate Change and Property Analysis | 2021 - 2023

- Architected UX/UI overhaul with **React** for a Zillow sentiment analysis website, increasing user engagement
- Deployed app on **AWS Ubuntu EC2** with **ExpressJS** server and **PostgreSQL** **AWS RDS** database for scalability
- Utilized **Zillow** and **Google Places APIs** for address autofill, simplifying user experience and improving location accuracy
- Designed **Figma/Adobe XD** wireframes and prototypes for cohesive design, leading to successful deployment and improved UX

Skills: React, CSS3, HTML5, JavaScript (ES6), PostgreSQL, AWS, Webpack, Git, GitHub

## SOFTWARE ENGINEERING

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### Software Engineer | AWS (EKS-Anywhere) | 2025

- Created k8s-diagnostic to address reliability gaps in Kubernetes networking, implementing 35+ automated tests (pod connectivity, DNS, service discovery, and Cilium L3/L4/L7 policies) that gave engineers faster, repeatable validation across clusters.
- Built a Go-based CLI for direct test execution and a Next.js web UI that guided novice users through diagnostics with real-time monitoring and JSON/log outputs, lowering the barrier to troubleshooting Kubernetes clusters.
- Delivered a Dockerized deployment architecture integrating CLI and UI containers for cross-cluster validation on EKS-Anywhere and EKS-Hybrid environments, reducing troubleshooting time from hours to minutes

Skills: Go, Kubernetes, Docker, Cilium, Next.js, Node.js, Tailwind

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## Project Manager, UI/UX Designer | SmartERC | 2023-2024

- Led the development and launch of a customer onboarding portal for a tax credits company, integrating **HubSpot CRM**, **TaxStatus**, and **FileInvite APIs**, and deploying it on **Google Cloud**, resulting in a 40% revenue increase.
- Designed the UX and data flow to ensure an intuitive customer experience, eliminating the need for a tutorial.
- Managed a team of 3 Full Stack Engineers & 1 DevOps/Security Engineer and successfully completed the project under budget.

## Brand Creator, Website Architect | Take The Rock | 2023-present

- Created and deployed a website with user accounts, optimized brand consistency, and SEO using SquareSpace, CSS, and AI-powered tools.
- Doubled online visibility and outreach through payment and donation processing, social media property transfer, and bespoke merchandise, resulting in doubled enrollment and support for the nonprofit.

## Website Designer, e-commerce manager | Aircraft repairer/reseller | 2018 - 2020

- Developed and deployed a website with optimized brand consistency and SEO using SquareSpace and CSS, collaborating with a small business owner to expand inventory sales through multiple e-commerce channels and partnerships with local sales organizations and auction houses. This approach increased revenue by 30%, sell-through, and enabled the launch of a new product line, while improving efficiency and fostering strategic growth.

## Website Designer, e-commerce manager | Medical Services Provider | 2018 - 2019

- Developed and deployed a website using SquareSpace and CSS, optimizing brand consistency and SEO while streamlining medical practice workflow by conducting inventory, listing procedures, and creating intake forms. This led to a 45% increase in web presence and online visibility for multiple practices in Miami-Dade.
- Additionally, the sale of used medical equipment funded the web overhaul and generated revenue, contributing to the project's success and reducing waste.

## MILITARY SERVICE & VETERAN ADVOCACY

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### California Army National Guard | Power Generator Specialist (91D) | 2020-2023

- Recognized as "Soldier of the Cycle" during Basic Training and Advanced Individual Training (AIT), outperforming peers with prior electrical engineering experience.
- Maintained and repaired military generators and electrical systems, ensuring mission-critical readiness and operational efficiency.
- Gained hands-on expertise in diagnosing and resolving mechanical and electrical issues under high-pressure conditions.
- Obtained United States Citizenship through my Honorable Service in the California Army National Guard.

### Commissioner | San Francisco Veterans Affairs Commission | 2024-Present

- Appointed in May 2024 by San Francisco Board of Supervisors to advocate for veteran healthcare access, education benefits, and career development opportunities.
- Developed policies and initiatives to improve veteran services in collaboration with local organizations and government bodies.
- Conducted public outreach campaigns, increasing awareness of available resources and benefits for veterans.

## EDUCATION

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**San Francisco State University** - Bachelors of Science (IP): Computer Science, Mathematics and Chemistry Minors  
**Software Development Bootcamp (HR)** - Immersive FullStack Javascript Web Development