

## Daniel Martin

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### PROFESSIONAL EXPERIENCE

#### **Senior Software Engineer** **04/2025- Present** **SewerAI, Walnut Creek, CA**

Senior full-stack engineer on products for sewer inspection in the field, including software for inspection trucks and in-vehicle workflows.

- Shipped end-to-end features, APIs, data, and in-vehicle UIs, including pipe inclination for inspections.
- Built go-to-market capabilities: AI-assisted project planning from sewer asset data and stable demo environments for sales; work supported truck seat subscriptions at 104% of target and business sales.
- Partnered with Product, Design, and customer-facing teams on software aligned to real inspection and utility operations.

#### **Senior Software Engineer** **11/2023 - 02/2025** **Emcee Studios, New York, NY**

Engineered consumer facing products and tools using modern web and mobile development technologies. Lead initiatives of full product lifecycle from concept, development, deployment, and maintenance. Collaborate with a team of experienced engineers and contribute to architectural technical decisions.

- Developed a social media and e-commerce mobile application from scratch, leading full-stack development from concept to launch.
- Designed and implemented features to enhance the shopping and social commerce experience, such as metrics tracking, unit tests, and social media features.
- Optimized mobile app performance, improving load times and responsiveness using React Native best practices

#### **Software Engineer** **04/2021 - 07/2023** **Figure Technologies, San Francisco, CA**

Developed and maintained web applications such as dashboards, two factor authentication, and global notifications. Led creation of provenance.io blockchain website and improved figure.com website. Contributed in creating accessible and easy to use components for the company component library.

- Reduced tech debt multiple dashboards by consolidating one unified dashboard with different experiences for different users.
- Improved the release times of private label dashboards by 80% through templating development experience
- Implemented new design systems to improve retention of customers by 11%

#### **Software Engineer III** **04/2019 – 11/2019** **PopSugar, San Francisco, CA**

Designed, built and improved custom web campaigns for customers. Developed solutions for editors to create content within internal CMS. Worked with product managers and designers to maintain popsugar.com

- Developed features and web pages for customers to fulfill business requirements on time.

- Created PHP templates to reduce development time by 25%.

## Software Engineer

05/2015 – 04/2019

### San Francisco International Airport, San Francisco, CA

Designed, developed and maintained web and mobile applications to solve business problems. Managed projects and teams to deploy applications into a production environment.

- Supervised teams of software engineers, collaborated with cross-functional teams and worked with external vendors.
- Analyzed and redesigned business processes to follow the ITIL framework while addressing changing business needs. This led to the reduced overhead of incidents filed by 20%.

## PROGRAMMING LANGUAGES AND TOOLS

Languages, Libraries, Frameworks

JavaScript, Typescript, React.js, Node.js, Redux, React Query, , Next.js, React Native, Gatsby, HTML, CSS, AWS, XState, Jest, .NET, Temporal

Tools, Methodologies, Design

Git, API Design, UI/UX, GraphQL, Express, MongoDB, DynamoDB, Scrum, Agile, ServiceNow, Prisma, PostgreSQL, Agentic Workflows, AI Agents, Distributed Systems

## CAREER HIGHLIGHTS

### Smart Project Builder

Turning AI-coded inspection data into rehab and capital plans for municipal utilities, shortening planning cycles and replacing brittle spreadsheet workflows with maps and budget-ready reports.

### adus.fyi

Founder of adus.fyi, a property data and social platform company specializing in accessory dwelling units to tackle the housing crisis in California.

### SFO Copilot

SFO Copilot is SFO's first native mobile application, improving airport service quality across multiple departments. For example, increased response time to incidents within SFO by 60%.

### Ask SFO

Natural language interface to access and translate airport information to improve airport operations., 2018 US Ignite Award for Innovation Technologies from the National Science Foundation.

### TaxiQ: Dispatcher Portal

Web application for maintaining and controlling the flow of taxi traffic. Saved \$20,000 in paper costs per year and won 2017 Best of California Award: Best Application Serving an Agency's Business Needs.

## EDUCATION

### Bachelor of Science in Computer Science, Minor in Mathematics

San Francisco State University, San Francisco, CA