




Mitchell Hornsby

Senior Software Engineer

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ABOUT ME

I am a versatile software engineer with extensive experience in frontend and full-stack tech roles, particularly those involving Typescript, React, Next.js, and AWS. I have developed enterprise-level web and mobile applications, implemented REST APIs microservices, and collaborated with several diverse, dispersed teams across the globe.

With a strong background in building web applications, cross-platform mobile applications, and REST APIs, I've contributed to both startups and enterprise-level projects. My passion for elegant solutions, dogged pursuit of positive outcomes, and team-first disposition allow me to tackle any given task.

SKILLS

Project Types & Paradigms	Web apps (frontend and full stack), Mobile apps (Android, cross-platform), REST APIs, Microservices, Object Oriented Programming (OOP), Mobile test automation
Languages	Javascript, Typescript, Tailwind CSS, HTML, CSS, SQL, Java, Kotlin, Python, Dart, C#
Technologies & Frameworks	React, React Native, Node.js, Next.js, Express.js, Docker, PostgreSQL, MongoDB, Digital Ocean, Flutter, Unity, Appium
AWS	Lambda, ECS, ECR, S3, SAM, IAM
Collaborative	Agile methodology, Git, Jira, Notion, Microsoft Teams
Interpersonal	Written and verbal communication, knowledge sharing (documentation, mentorship), organization, time management

EDUCATION

B.A. Computer Science, Minor in Creative Writing
Washington and Lee University

September 2015 - May 2019
Lexington, VA

WORK EXPERIENCE

Nxu Technologies
Senior Software Engineer

May 2023 - May 2024
Tempe, AZ

Nxu was an electric vehicle charging station manufacturing startup based in Tempe, AZ. During my time at Nxu, we took an EV fast-charging station from prototype to late-stage beta testing and began generating revenue.

In May 2024, the Nxu reduced their workforce due to unfavorable industry conditions.

Charging Station Admin App

<https://admin.charging.stage.nxuenergy.com/>

- Designed and developed key features throughout the Next.js app
- Implemented a secure, role-based authentication system powered by AWS IAM, Next.js API handlers, and PostgreSQL
- Collaborated with cross-functional team members to identify essential features for station hardware and firmware development
- Implemented several key microservices (via AWS SAM/Lambda) to start, pause, and stop charging sessions
- Built SQL queries to read, write, and format charging session data

Nxu One App

<https://apps.apple.com/us/app/nxuone/id6476523186>

- Developed several user account UI flows for the public-facing React web and React Native mobile applications, onboarding over 200 new users
- Implemented critical API handlers to create, edit, and delete user account information
- Performed detailed code reviews and analysis for new feature pull-requests

Marketing Website

<https://nxuenergy.com/>

- Designed and developed a B2B sales flow for the charging stations, including error handling, data storage, price calculation, and payment processing (via Stripe)
- Created intuitive CMS web components via Builder.io and React
- Instructed non-technical team members about Builder.io best-practices and how to use our custom CMS web components

Publicis Sapient

Associate Software Engineer L2

June 2018 - May 2023

Atlanta, GA; San Francisco, CA

Publicis Sapient is a digital business transformation consultant company. At Publicis, I worked for a variety of clients, often contributing to multiple projects on each account.

In May 2023, I left Publicis Sapient to pursue new challenges with Nxu Technologies.

Mayo Clinic Patient Portal

<https://www.mayoclinic.org/>

- Collaborated with cross-organizational stakeholders and engineers to design, develop, and implement new features
- Developed new pages and components to both web and mobile apps
- Supported final application launch and fast-follow development
- Audited code to ensure WCAG 3.0 accessibility compliance was met

Marriott Homes and Villas Platform

<https://homes-and-villas.marriott.com/>

- Implemented vital business logic pertaining to international rental bookings, including time zone and currency rate conversions (Java, Spring Boot microservices)
- Developed and maintained various pages and components for the React web app

Pilot Flying J Android App

<https://play.google.com>

- Developed an extensive UI automated test suite using Appium
- Orchestrated the daily execution of over 70 functional test cases on physical devices using Device Farm and generated a report on the results