

Austin Durham

FULL-STACK SOFTWARE ENGINEER | CLOUD, PLATFORM & BUSINESS SYSTEMS

Scottsdale, AZ | 480-440-9963 | contact@austindurham.info | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Full-stack software engineer and technology operations leader with 4+ years of professional engineering experience building production applications, APIs, cloud services, internal platforms, and business IT systems. Delivered React and Next.js products, Node.js and Python services, AWS serverless workloads, and large PostgreSQL environments. Known for translating operational problems into measurable outcomes, including eliminating \$100,000+ in annual licensing expense, protecting \$2 million+ in project inventory, and helping avoid seven-figure vendor and infrastructure costs.

TECHNICAL SKILLS

Languages: Python, JavaScript, PHP, Java, Bash, SQL

Application Development: React, Next.js, React Native, Expo, Vue.js, Node.js, Express, FastAPI, Tailwind CSS, Radix UI

Data & Cloud: PostgreSQL, MySQL, MongoDB, Prisma, Sequelize, AWS Lambda, EC2, RDS, Docker, Microsoft OneDrive

Engineering Practices: REST APIs, Microservices, CI/CD, Git, Automated Testing, Telemetry, Observability, OOP, Distributed Systems

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer & IT Manager

May 2024 - Present

Armstrong Construction Group | Scottsdale, AZ

- Lead full-cycle development of internal applications from discovery and architecture through deployment and support, including research and integration with legacy APIs.
- Built a proprietary employee badging platform with React Native, Next.js, secure scan workflows, and Apple Wallet and Google Wallet support, eliminating third-party licensing and saving more than \$100,000 annually.
- Migrated physical records into centralized OneDrive and developed a Next.js, Radix UI, Tailwind CSS, and Prisma application with AI-assisted search for faster document retrieval and collaboration.
- Designed inventory digitization tools and led multiple teams through adoption, reducing asset loss by 90%, cataloging and protecting more than \$2 million in project inventory, and establishing standards reused across projects.
- Developed an integrated ID and time-tracking workflow and supported migration from a legacy timekeeping platform, adding features and onboarding documentation that improved consistency and workforce administration.
- Created a secure multi-user QuickBooks Enterprise environment using local virtual machines and Tailscale, enabling accountants to collaborate remotely while keeping company files on the local network.
- Standardized IT operations by creating an automated Windows deployment image, configuring two Microsoft 365 conference rooms, and resolving day-to-day endpoint, account, and application issues.

Full-Stack Software Engineer

Feb 2022 - Jan 2024

FarmFlight | Tempe, AZ

- Designed and maintained an Amazon RDS PostgreSQL environment with 300+ tables, supporting evolving product data models and ongoing database optimization.
- Built Node.js and FastAPI APIs and background workers that managed first- and third-party license workflows and served thousands of requests per day.
- Developed and operated 15+ AWS Lambda functions and on-demand workloads, helping avoid more than \$1 million in projected vendor and infrastructure costs by replacing outsourced services and reducing always-on EC2 usage.
- Improved observability by adding telemetry and detailed logging that correlated API activity with vector context for faster diagnosis and deeper system insight.
- Contributed across CI/CD, pull requests, code reviews, load and stress testing, and unit, integration, and end-to-end test automation.
- Owned the design, development, testing, and deployment of customer-facing features used daily by more than 1,000 users.
- Automated operational work with Bash and supported MongoDB workloads in AWS, aligning deployments with organizational requirements.

ADDITIONAL TECHNICAL EXPERIENCE

Contract Software Engineer

Aug 2017

AlertGPS | Scottsdale, AZ

- Designed and managed 20+ tables and collections across MongoDB and Google Cloud SQL, exposing data through REST APIs.
- Created 50+ reusable React components, developed 5+ Java automation scripts, and managed code lifecycles with Git.

Media Search Platform | Self-Hosted

Independent Project

Built and maintained a Dockerized media indexing and request platform on Unraid and Ubuntu using Vue.js, Node.js, MySQL, REST APIs, Bash, Sonarr, Radarr, and SABnzbd.

CUSTOMER & OPERATIONS EXPERIENCE

Geek Squad Agent

Feb 2024 - Jun 2024

Best Buy | Arizona

- Ranked consistently among the department's top three sales performers while advising customers on technology services, balancing cost-conscious recommendations with business goals.
- Performed quality checks on refurbished devices, coordinated secure device pickups, repair handoffs, and in-home installations, and collaborated with technicians on diagnostic and repair approaches.
- Completed ongoing technical training and progressed toward Apple-authorized technician certification while supporting technicians with diagnostic and repair-process guidance.

Mobile Apple Pro Representative

May 2021 - Feb 2022

Best Buy | Arizona

- Represented Apple within Best Buy and partnered with Apple Retail Sales Managers on merchandising, customer experience, product sales, and AppleCare performance.
- Received an Apple-issued @apple.com email account and assigned device for Seed training and job responsibilities, and installed secured product displays received from corporate teams.

Mobile Sales Associate | Best Buy

Oct 2020 - May 2021

Managed complex carrier activations and translated device, plan, and contract details into clear customer options; independently covered the department during staffing gaps and earned unsolicited customer commendations for service and integrity.

Tech Sales Associate | Staples

Aug 2019 - Oct 2020

Advised customers on computers and printers and supported registers and the print center, frequently covering multiple areas during staffing gaps.

Inventory Control Specialist | Walmart

Mar 2018 - Feb 2019

Managed receiving and accountability for high-value electronics while supporting inventory workflows across departments; developed broad operational knowledge and was frequently consulted on workflow problems.

Sandwich Artist | Subway

Aug 2016 - Sep 2017

Ran solo shifts, closed and secured the restaurant, and completed cash drops, balancing, and reconciliation.

EDUCATION & LEADERSHIP

Education | High School Diploma; Additional College Coursework

Eagle Scout | Boy Scouts of America

May 2017

Planned and led a community service initiative, coordinating volunteers, resources, schedules, and delivery while building lasting leadership and project-management skills.