

Dorian Ridley-Smith, Software Engineer

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Core Technologies: React, Next.js, TypeScript, JavaScript, Python, Flask, Tailwind, REST APIs, Firebase, Supabase, SQL, Node.js

Professional Summary

Full-Stack developer with a **builder's mindset** forged through 7 years as an electrical/HVACR foreman leading teams on high-stakes projects. **Shipped multiple production applications**, including **instant-quote engines, booking systems, 3D virtual-tour platforms**, and AI-powered automotive tools. Strong in **React, Next.js, TypeScript, JavaScript, Python, Flask**, responsive design and **mobile-first UI** engineering. **Ready to deliver production-quality frontend and full-stack features on Day 1.**

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, Python, HTML5, CSS3
- **Frontend:** React 18, Next.js 14, React Hooks, Tailwind CSS, GSAP, Framer Motion, Three.js, Responsive/Mobile-First UX
- **Backend:** Flask, REST APIs, SQLite, Supabase, Firebase/Firestore, Node.js
- **Tools:** Git/GitHub, VS Code, Postman, Render, Vercel, Netlify, PythonAnywhere, Jest
- **Concepts:** Authentication (JWT), CRUD, SEO, form validation, state management, API integration, CI/CD
- **Leadership:** Team leadership (4–8 people), client communication, scheduling, delivery under pressure

Featured Projects

DSAutoCare.com – Instant Quote + Booking Engine – 2023

Stack: Flask, Python, Tailwind, Firebase

- Built a real-time pricing calculator delivering **live quote generation** from 131,000 unique combinations
- Implemented booking flow with automated confirmations via Flask-Mail
- Developed an internal admin dashboard (CRM-style) for tracking thousands of quotes and bookings
- Designed mobile-first UX for a user base with **98% mobile traffic**

BumperBook – AI-Powered Car Maintenance + Social Platform – 2024 - Present

Stack: Next.js, TypeScript, Supabase, OpenAI API, Cloudinary

- Built AI-generated maintenance timelines using OpenAI API
- Implemented JWT auth, infinite scroll, likes/comments/shares, and clan-based social groups
- Designed responsive UI with dark mode and optimized image uploads via Cloudinary
- Private repo – available for review or live demo

Portfolio Highlights (github.com/DRidleyS)

- **[eCapture.online](#)** – Next.js company site serving 3D Matterport home/facility tours with instant loading
- **[StarletTattoos.ink](#)** – Tattoo studio platform with intake/legal flow, booking, and gallery UX
- **[Macbook Pro Sales Page](#)** – React + GSAP product page recreation with premium motion design
- **TikTok Clone** – React Native mobile app replicating TikTok's core UX patterns
- **CheckMyPass** – Password breach detector like haveibeenpwned.com, but hashes are compared locally

Professional Experience

Full-Stack Engineer - Starlet Tattoos – 2026

Tech: Next.js • TypeScript • AOS • GSAP • Firebase

- **Owned architecture and deployment** of the company's core platform
- Built a **scalable honeycomb interactive tattoo gallery** capable of supporting thousands of images
- Built **intake/legal flow** and integrated **booking system**
- Managed ongoing updates, performance improvements, and client feedback loops

Full-Stack Engineer - eCapture – 2025 - 2026

Tech: Next.js • TypeScript • AOS • Matterport • iFrames

- **Engineered and deployed** the company's Next.js platform
- Built **responsive UI and lightweight transitions, reducing load time by 40%**
- Implemented **scalable components** and **optimized load performance**
- Maintained production systems end-to-end, including bug fixes and live iteration feature rollouts

Frontend Software Engineer Intern - Frontend Simplified - [Certificate](#) – 2025 - 2026

- Transformed static **React** SPA into an **interactive UI** with animations, transitions, and carousels
- Integrated API data with skeleton loading states, pagination, and dynamic routing
- Collaborated in a virtual engineering environment using Git/GitHub workflow

Foreman – Electrical / HVAC / Solar - Harmony Air Inc. – 2022 - 2025

- **Managed 8-person teams** on 60+ residential/commercial solar + HVAC projects
- **Mentored apprentices by breaking down complex systems into clear, teachable steps**
- Owned scheduling, permits, material ordering, and client communication – **100% on-time record**
- Built **Python** inventory script that **eliminated 100% of material shortages**
- Delivered high-reliability work with safety-critical precision

Journeyman Electrician – Service Technician/Manufacturing Electrician - CA Contractors – 2018 - 2022

- Wired new construction, EV chargers, solar tie-ins, smart-home automation, Ind./Comm. equipment
- **Served as on-site mentor for junior electricians**, guiding them through complex wiring, solar tie-ins, industrial and commercial machinery/equipment, and smart-home systems
- Upsold \$220k in battery + smart-thermostat upgrades via **clear technical explanations**
- Programmed Lutron, Control4, Nest systems
- Achieved **98%+ first-pass** inspection rate

Education And Certifications

Frontend Engineering Career Path - Frontend Simplified - 2025

- React, Next.js, TypeScript, Tailwind, testing, Vercel, agile

Complete Python Developer: Zero To Mastery - ZTM Academy - 2024

- Python, Flask, SQL, APIs, auth, Render deployment

Additional

- Open to full-time remote or Bay Area / SoCal hybrid
- Relocation assistance welcomed
- References + live code walkthroughs available immediately