Dorian Ridley-Smith, Software Engineer
California, USA | (707) 533-9389 | dorianridley@gmail.com
linkedin.com/in/DorianRidley-Smith | github.com/DRidleyS | dorianrs.com

Professional Summary:

Full-Stack Engineer with a **builder's mindset** forged through 7 years as an electrical/HVAC foreman leading crews on high-stakes projects. **Shipped multiple production applications for real businesses**, including **instant-quote engines**, **booking systems**, **3D virtual-tour platforms**, and AI-powered automotive tools. Strong in **React, Next.js, TypeScript, Python, and Flask**. Known for clean UI, mobile-first UX, and end-to-end ownership from architecture to deployment. **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
- **Concepts:** Authentication (JWT), CRUD, SEO, form validation, state management
- **Leadership:** Crew management (4–8 people), client communication, scheduling, delivery under pressure

Featured Projects:

DSAutoCare.com – Instant Quote + Booking Engine – 2023
Stack: Flask, Python, Tailwind, Firebase, BootStrap
- Built a real-time pricing calculator delivering **live quote generation** for vehicle/year/service combinations
- Implemented booking flow with automated confirmations via Flask-Mail
- Developed an internal admin dashboard (CRM-style) for tracking 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**](eCapture.online) – Next.js company site serving 3D Matterport home/facility tours with instant loading
- [**StarletTattoos.ink**](StarletTattoos.ink) – Tattoo studio platform with intake/legal flow, booking, and gallery UX
- [**Macbook Pro Sales Page**](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
- **DS Auto Care** – Auto atelier's core platform offering instant quotes, booking, and a bespoke CRM

Professional Experience:

Lead – Full-Stack Engineer - Starlet Tattoos – 2026 - Present
Stack: Next.js, TypeScript, GSAP, Firebase
• Architected and deployed the company's core platform (Next.js + Tailwind)
• Built **interactive tattoo gallery** with **premium UX** and mobile-first design
• Built **intake/legal flow** and integrated **booking system**
• Managed ongoing updates, performance improvements, and client feedback loops

Lead – Full-Stack Engineer - eCapture - 2025 – Present
Stack: Next.js, TypeScript, AOS, MatterPort iFrames
• Owned architecture and deployment of the company's Next.js platform
• Built **responsive UI** for **seamless 3D virtual-tour viewing**
• Implemented **scalable components** and **optimized load performance**
• Maintained production systems end-to-end, including bug fixes and 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, I/C equipment
• Served as on-site mentor for junior electricians, guiding them through complex wiring, solar tie-ins, 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 & Certifications:
Frontend Engineering Career Path - Frontend Simplified - 2025
• **600+ hours** – React, Next.js, TypeScript, Tailwind, testing, Vercel

Complete Python Developer: Zero To Mastery - ZTM Academy - 2024
• **500+ hours** – 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