Dorian Ridley-Smith, Software Engineer
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PROFESSIONAL SUMMARY

Former electrical/HVAC foreman turned **Full-Stack Engineer**. 7 years leading crews, hitting deadlines, and solving real-world problems under pressure. Completed 1,100+ hours of Zero To Mastery **Python** + Frontend Simplified **Frontend Engineering** (2023-2025). **Shipped production apps** used by real businesses including **DSAutoCare.com** with live instant-quote engine, **eCapture.online** with 3D virtual home and facility tours, and **BumperBook** (AI powered maintenance tracker/garage ops with social media components). **Ready to ship clean React + Flask code Day 1**.

TECHNICAL SKILLS

• Languages: JavaScript (ES6+), Python, HTML5, CSS3
• Frontend: React 18, React Native, React Hooks, Tailwind CSS, Next.js 14, Mobile-First UX
• Backend: Flask, Flask-Mail, REST APIs, SQLite, Supabase
• Tools: Git/GitHub, VS Code, Postman, Render, Vercel, Netlify, Figma
• Concepts: Authentication (JWT), CRUD, responsive design, SEO, form validation
• Leadership: Ran 4–8 person crews, client comms material logistics, 100% on-time delivery

FEATURED PROJECTS

DSAutoCare.com – Instant Quote + Booking Engine - 2023
• Full-stack Flask + Tailwind site with real-time pricing calculator
• <1s quote generation (vehicle/year/service selectors → dynamic total)
• Flask-Mail auto-confirms bookings; admin dashboard (integrated CRM) tracks unlimited quotes
• Built as a mobile-first experience, as 98+-% of prospects search for auto services on mobile devices

BumperBook – Instagram for Car Enthusiasts/UX Focused Maintenance Tracker - 2024 - present
• Next.JS + openAI API + Supabase social platform
• OpenAI Api queries for dynamically generating service timelines for any car
• JWT auth, Cloudinary uploads, infinite scroll, likes/comments/shares, clans, dark mode
• Private repo – happy to grant access or demo live beta

Portfolio Highlights (github.com/DRidleyS)

• **FES Internship** – Certificate Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment
• **eCapture.online** – eCapture Next.JS company website with 3D Matterport virtual home and facility tours served seamlessly and instantly in iframes.
• **Macbook Pro Sales Page** – React + Vite + GSAP animations webpage imitating one of the most visually persuasive product pages on the internet.
• **TikTok Clone** – React Native development with Android studio, imitating TikTok's viral UX.
• **CheckMyPass** – secure & local Python data breach evaluator script to see if you've been leaked without leaking your password yourself by locally checking hashed passwords.

PROFESSIONAL EXPERIENCE

Foreman – Electrical / HVAC / Solar   Harmony Air Inc.   2022 – 2025
• Led 4–8 person crews on 60+ residential/commercial solar + HVAC projects
• Owned scheduling, permits, material ordering, and client updates – 100% on-time record
• Built Python inventory script that eliminated 100% of material shortages

Journeyman Electrician   California Contractors   2018 – 2022
• Wired new construction, EV chargers, solar tie-ins, smart-home automation
• Upsold $220k in battery + smart-thermostat upgrades via clear technical explanations
• Programmed Lutron, Control4, Nest systems
• 98%+ first-pass inspection rate

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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

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