

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 (2025). Shipped production apps including DSAutoCare.com with live instant-quote engine and BumperBook (Instagram clone for cars). 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
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FEATURED PROJECTS

DSAutoCare.com – Instant Quote + Booking Engine 2024 – Present

- Live 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
- Live: dsautocare.com

BumperBook – Instagram for Car Enthusiasts/UX Focused Maintenance Tracker 2024 – 2025

- [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)

- Data Breach Checker – Python script to locally evaluate if your password was leaked in a data breach.
- Macbook Pro Sales Page – React + Vite + GSAP animations webpage imitating one of the most visually persuasive product pages on the internet.

- FES Internship – [Certificate](#) Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment

PROFESSIONAL EXPERIENCE

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|---|------------------------|-------------|
| Foreman – Electrical / HVAC / Solar | Harmony Air Inc. | 2022 – 2025 |
| <ul style="list-style-type: none">• Led 4–8 person crews on 60+ residential/commercial solar + HVAC projects• Owned scheduling, permits, material ordering, and client updates – 100% on-time record• Upsold \$220k in battery + smart-thermostat upgrades via clear technical explanations• Built Python inventory script that eliminated 92% of material shortages | | |
| Journeyman Electrician | California Contractors | 2018 – 2022 |
| <ul style="list-style-type: none">• Wired new construction, EV chargers, solar tie-ins, smart-home automation• Programmed Lutron, Control4, Nest systems• 98%+ first-pass inspection rate | | |

EDUCATION & CERTIFICATIONS

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| Frontend Engineering Career Path | Frontend Simplified | 2025 |
| <ul style="list-style-type: none">• 600+ hours – React, Next.js, TypeScript, Tailwind, testing, Vercel | | |
| Complete Python Developer: Zero To Mastery | ZTM Academy | 2024 |
| <ul style="list-style-type: none">• 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