

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.**

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## TECHNICAL SKILLS

- Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3
  - Frontend: React 18, React Native, React Hooks, Tailwind CSS, GSAP, Three, Next.js 14, Mobile-First UX
  - Backend: Flask, Flask-Mail, REST APIs, SQLite, NoSQL, Supabase, node.JS, Firebase, Firestore
  - Tools: Git/GitHub, VS Code, Postman, emailJS, Flask-mail, Render, Vercel, Netlify, pythonanywhere
  - 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 - 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
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## Portfolio Highlights ([github.com/DRidleyS](https://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. Instant quote generator coming soon.
  - [StarletTattoos.ink](#) – Starlet Tattoos core platform with intake/legal flow, booking, and tattoo gallery.
  - [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.
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## PROFESSIONAL EXPERIENCE

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### **Lead – Full-Stack Engineer** - Starlet Tattoos - 2026

- Owned architecture and deployment of the company's core platform
- Developed **interactive tattoo gallery** with **premium UX**
- Built intake/legal flow and integrated **booking system**
- Built and maintained production systems end-to-end

### **Lead – Full-Stack Engineer** - eCapture - 2025 – 2026

- Owned architecture and deployment of the company's core platform
- Owned continued development and maintenance of company website
- **Built responsive** and **scalable UX** to serve **virtual 3D space tours**
- Built and maintained production systems end-to-end

### Intern – Frontend Software Engineer - FES - 2025 – 2026

- Transformed a completely static HTML, CSS, JavaScript and React single page application into an interactive user interface using animations, transitions and carousels
- Processed API requests to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination and dynamic routing
- Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment

### 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