

» SUMMARY

I am a full stack software engineer with nearly two decades of experience as a professional pilot. Combining my passion for programming with my background in aviation, I bring a unique perspective to my work. With excellent communication skills and honed critical thinking abilities, I thrive in agile environments and excel at problem-solving. Self-driven and completion-oriented, I deliver projects with precision and efficiency, whether working independently or in diverse teams of any size. I specialize in TypeScript, JavaScript, and Ruby, and have a deep love for solving complex challenges.

» SKILLS

Languages	JavaScript Ruby Python TypeScript HTML SQL CSS C++ Embedded Programming
Frameworks	React Vue Rails Flask Node.js Express
Tools	Git GitHub Linux Neovim

» WORK EXPERIENCE

Sept. '21 to Current	Software Engineer · CoverMyMeds · Remote <ul style="list-style-type: none">- Design and develop web applications and APIs for the CoverMyMeds product line- Jump into both the front-end and back-end of solutions, with the exact balance depending on the project and team- Own the quality of the solutions created through automated testing, and support and maintain those solutions after they're in production- Contribute to a productive agile environment by partnering closely with necessary stakeholders, deploying often and inspecting and adapting as needed
Feb. '11 to Sept. '20	Line Pilot - Helicopter · PHI Aviation, LLC · Gulf Coast, USA <ul style="list-style-type: none">- Transportation of personnel and equipment to/from offshore locations.- Transported over 20,000+ personnel safely.
June '19 to Sept. '20	Crew Liaison - Line Activity Monitoring Program · Remote <ul style="list-style-type: none">- Worked with Flight Data department to develop models and metrics to quantify flight statistics.- Direct and remote interface with peers to reinforce compliance with company standards and procedures.
Aug. '09 to Jan. '11	Certified Flight Instructor · Razorblades Helicopters · Clearwater, FL <ul style="list-style-type: none">- Provided Flight and Classroom instruction.
Apr. '03 to Oct. '05	Computer Tech · VerdeOnline · Cottonwood, AZ <ul style="list-style-type: none">- Provided in person and on site support of Internet access service, and customer web/email hosting.

» PROJECTS

May '21 to June '21	Code Together! <ul style="list-style-type: none">- Online browser based collaborative code editor based on WebSockets.- Designed for quick, brainstorming or interview type programming sessions.- ReactJS front-end- Express back-end
Feb. '21 to Feb. '21	Automated Solar Battery Charging and Monitoring System <ul style="list-style-type: none">- Devices to monitor and control battery voltage, temperature and humidity of several locations.- Network of three devices; Base Station, Solar Battery Relay and 3D Printer Filament Monitor.- Wireless communication using LoRa and 2.4 GHz- Uses Arduino and ESP32 microcontrollers.
Jan. '21 to Feb. '21	Reddit S&P 500 Heat Map <ul style="list-style-type: none">- Python/Flask app that searches a group of Reddit Subreddits for S&P 500 ticker symbols, displays information as a heat map.- Reddit search is performed once per day via a CRON job.- App is deployed and functional via Heroku.

» VOLUNTEERING

May '21 to Current	Exercism · Programming Mentor - TypeScript · Remote <ul style="list-style-type: none">- Help others improve their fluency with various programming languages, by reviewing and providing feedback on code submissions.
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» EDUCATION

Oct. '20 to June '21	Springboard Software Engineering Career Track, Certification <ul style="list-style-type: none">- 700+ Hour intensive course in Software Engineering methodologies and technologies.- Covers key aspects of front-end web development, back-end web development, databases, and data structures and algorithms.- Web Development, JavaScript, DOM Manipulation, Event Driven Programming, Git/Terminal/Github, Modern JavaScript and Testing, AJAX, jQuery, ReactJS, SQL, PostgreSQL, Flask, Node, Express, Data Structures and Algorithms.
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