

» S U M M A R Y

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.

» S K I L L S

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

» W O R K E X P E R I E N C E

Sept. '21 to Current	Software Engineer · CoverMyMeds · Remote - 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 - 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 - 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 - Provided Flight and Classroom instruction.
Apr. '03 to Oct. '05	Computer Tech · VerdeOnline · Cottonwood, AZ - Provided in person and on site support of Internet access service, and customer web/email hosting.

» P R O J E C T S

May '21 to June '21	Code Together! - 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 - 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 - 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.

» V O L U N T E E R I N G

May '21 to Current	Exercism · Programming Mentor - TypeScript · Remote - Help others improve their fluency with various programming languages, by reviewing and providing feedback on code submissions.
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» E D U C A T I O N

Oct. '20 to June '21	Springboard Software Engineering Career Track, Certification - 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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