

Alexander Virdee

(954) 616-9029 | alex@virdee.com

alexvirdee.com | [LinkedIn.com/in/alexvirdee](https://www.linkedin.com/in/alexvirdee) | github.com/alexvirdee

Technical Skills

JavaScript, React, Next.js, Angular, Ember, Jest, Profound.js, Typescript, HTML5, CSS3, SASS, Tailwindcss, Node.js, Express.js, MongoDB, SQL, SPARQL, RDF, ILE RPG, Stripe, Git

Professional Experience

Founder & Software Engineer

May 2025 - Present

PurePaws

Remote

- Founded and architected PurePaws, a full-stack SaaS marketplace connecting ethical dog breeders with families, built with [Next.js](#), TypeScript, [Node.js](#), MongoDB, and Stripe
- Designed and implemented end-to-end product flows including breeder onboarding, public profiles, puppy listings, messaging, notifications, and secure payments
- Built complex Stripe payment infrastructure supporting deposits, final payments, platform fees, and Stripe connect payouts to breeders
- Developed a scalable MongoDB data model supporting breeders, dogs, litters, applications, contracts, and notifications with server-side pagination and search
- Implemented accessibility-first UI components and responsive layouts using Tailwind CSS and Shadcn/ui
- Introduced automated testing with Jest and improved long-term maintainability through modular component architecture and shared utilities
- Led product design, technical architecture, and deployment independently, iterating rapidly based on real user feedback
- Deployed and maintained production environments with secure session management, role-based access, and backend data protection

Software Engineer

Aug 2022 - Dec 2024

CVS Health

Remote

- Served as a Software Engineer on the Extracare dashboard team, focusing on front end interfaces developed using Next.js and Angular technologies
- Led cross-functional teams in migrating CVS Health ExtraCare programs to a monorepo architecture, optimized code and reduced page load speeds by 35%, achieving sub 3-second page load times
- Implemented robust metrics emission to Grafana and orchestrated corresponding Splunk alerts, resulting in heightened operational efficiency and reduced downtime
- Facilitated seamless onboarding for new engineers through comprehensive knowledge transfer sessions covering company repositories and best coding practices
- Ensured post-production deployment quality by meticulously validating design and accessibility annotations, providing critical release regression support
- Spearheaded the development of a new ExtraCare loyalty experience, utilizing Next.js. Created new interfaces and functionality for our customers resulting in an improved user experience
- Led the design and development of a new cutting-edge monorepo architecture, enabling all forthcoming ExtraCare loyalty applications to be seamlessly developed within an Nx monorepo repository

Software Engineer**Sep 2021 - Jul 2022***Olive AI**Remote*

- Refined and implemented features onto Olive Helps a healthcare application designed to improve productivity for healthcare workers by automating tasks built on Electron and Node.js
- Tasked on the monetization team for Olive Helps working on transactional based code associated with Olives digital currency "Pi"
- Implemented Stripe connect onboarding feature allowing our loop authors on Olive to be paid out from Pi to USD
- Delivered API calls and wrote SuiteScript code for Oracle Netsuite software from Olive Helps Node.js back end to track financial data working directly with the finance department
- Led company demos regarding Netsuite and Stripe features implemented on Olive Helps Loop Library application with an audience of over 1,000 Olive employees

Software Engineer**Aug 2020 - Sep 2021***Banyan Air Service**Fort Lauderdale, FL*

- Successfully completed ILE RPG training from IMPower Technologies in an intensive training environment, becoming skilled in IBM-related systems in only 2 months
- Converted Banyan's IBM green screen 5250 software to use modern technologies such as Profound.js, JavaScript and NodeJS improving employee productivity with improved interfaces
- Built a full-scale AS/400 accounts receivable business application giving company employees important information regarding CRMs and customers using Profound.js
- Developed and launched Banyan's first mobile application to both Google and Apple app stores using React Native and an ILE RPG REST API

Web Application Developer**Apr 2018 - Jan 2020***INFOTECHSoft, Inc.**Miami, FL*

- Built an Ember.js deduplication web app for Baptist Health automating processes, improving employees workflow by reducing 10 hours per week previously spent manually removing duplicate data
- Aggregated and reduced query times over hundreds of thousands of records by 50% utilizing semantic web technologies including SPARQL, RDF, and OWL
- Created UX/UI mockup proposals using Balsamiq wireframing software and presented mockups to senior engineers and executives of the company
- Employed Kanban to implement agile software development reaching company deadlines ahead of schedule

Education**Ironhack****Jan 2018 - Mar 2018***Miami, FL*

Immersive coding bootcamp with a fast-paced setting and highly selective cohort of students technologies learned was the MEAN stack (MongoDB, Express.js, Angular, Node)

University of Central Florida**Aug 2012 - Aug 2016***Orlando, FL*

Bachelor of Science in Business Administration - Management, Entrepreneurial Track