

# DAVID VARGAS

Port St. Lucie, FL

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## Qualification Summary

Seasoned software engineer with over 12 years of experience. Has passion for creating and maintaining solid code-bases for integration and reusability. Thrives on following design principles and software architecture patterns. Has high awareness of industry standards in regard to new technologies, solution performance and user experience. David has proven experience leading teams of engineers on and off-shore. Exhibits constant consciousness about user experience and business profits.

## Skills Summary

<b>Industries</b>	e-commerce, retail, health-care, automotive
<b>Languages</b>	Javascript, Typescript, Ruby, HTML 5, CSS 3, C#, Java, C++, SQL
<b>Protocols</b>	Rest, GraphQL, JSON-API, SOAP, TCP, Web-sockets
<b>Frameworks</b>	ReactJS, Redux, Ruby on Rails, .Net, Open-Search, Next.JS, Node.JS, Express.JS, Bootstrap, Foundation
<b>Testing</b>	React testing library, RSpec, MSW, Jest, Enzyme,
<b>Environments</b>	Visual Studio Code, IntelliJ, Eclipse, NetBeans, Microsoft Visual Studio, Borland C++ Builder
<b>User experience tools</b>	Rollbar, New Relic, Monetate, Tealeaf, Fullstory, Splunk
<b>Version Control</b>	Git, Subversion, TFS
<b>Databases</b>	Microsoft SQL Server, MySQL, PostgreSQL
<b>Project Mngmt &amp; UX</b>	SCRUM, Slack, Jira, Trello, Confluence, Figma
<b>Clouds</b>	AWS, Azure

## Experience

Unite Us, New York, USA

MAR 2022 – Present

**Tech lead | Senior Software engineer**

Led a team of engineers focused on building scalable, user-centric search experiences across multiple platforms to connect individuals with social services.

- Led the development of a customer-facing web application as part of a **platform-as-a-service** offering aimed at improving access to social services across multiple regions.
- Delivered full-stack features using **ReactJS**, **Next.js**, **TypeScript**, **JavaScript**, and **Node.js**, ensuring seamless data flow and performance across the application.
- Contributed to backend services built with **Ruby on Rails** and **OpenSearch**, including the platform's core **Search API**, a major driver of business value used across various client workflows.
- Designed a **modular micro-frontend system** using reusable **npm packages**, allowing teams to ship independently deployable features with consistent patterns.

- Built and maintained a **shared UI component library** with **Storybook**, **Material UI**, and **TailwindCSS**, improving developer velocity and design consistency.
- Designed and implemented the platform's core **frontend experience**, enabling users to discover and navigate social programs through an intuitive, accessible interface.
- Managed **CI/CD pipelines** with **GitHub Actions** and **Jenkins**, and oversaw **frontend deployments to AWS** (S3, CloudFront, Route 53, Cognito), supporting a reliable and scalable release process.
- Worked cross-functionally with product, design, and backend teams to deliver iterative improvements, maintain system stability, and support the growth of a configurable, multi-tenant platform.

## Office Depot, Boca Raton, Florida, USA

MAR 2019 – April 2022

### Team Lead | Senior Front-End Developer

Lead a team of front-end engineers, in order to design and build a web solution, that will be the center of all search and navigation for the B2B e-commerce platform.

- Architecture design & implementation of API services and front-end applications for the search & browse e-commerce platform.
- Part of the team that created the web app for Print on Demand. *Print on Demand is the market lead product for online copies and flyers printing in the USA.*
- Lead the front-end application efforts for the business subscriptions platform.
- Designed and developed the solutions using ReactJS, Redux, HTML 5, CSS 3, SASS and other front-end technologies.

## ROWriter-TBC Corporation, Juno Beach, Florida, USA

October 2016 – February 2019

### Full Stack Developer

- Developed a nationwide software update platform (React, .NET) and a POS system integrated with major US tire supplier APIs.
- Built a data import tool for CSV/Excel to SQL (ASP.NET MVC, Entity Framework), reducing manual workflows and tech-support costs.

## SISTEC S.A, Luanda, Angola

MAR 2014 – MAY 2016

### Team Lead

- Design system architecture based on, ASP .Net MVC 5, HTML 5, CSS 3, JavaScript, Entity Framework and MS SQL Server.
- Lead and coordinated a team of .Net developers' to build an Enterprise Resources Planning (ERP) system.
- Played a key role in technology selection, project vision and development process, generating early deliverables and a ready-to-sell version of the product in a short time

## DATAZUCAR, AZCUBA, Havana, Cuba

SEP 2012 – FEB 2014

### Senior developer

- Developed several web systems for Human Resources, Accountant, Transportation and enterprise management.
- Worked as part of an agile team delivering fast results using SCRUM methodology

## University of Computer Sciences, La Habana, Cuba

SEP 2008 – AUG 2012

### NET DEVELOPER | PROFESSOR

- Professor of Programming Techniques and Data Structures, used C# and Visual Studio as study tools.
- Worked as software support engineer creating internal IDE tools for accelerating development process using C#, XML, HTML, CSS and MS SQL. Contributed to secure university's intellectual property by powering the solution with MD5 snapshots, code cipher and obfuscation mechanisms.

## Education

University of Computer Sciences, La Habana, Cuba (2009). Bachelor's Degree Engineer in Computer Science