


# Victor Ferguson

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Senior Full Stack Engineer | Miami, Florida

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## SUMMARY

Senior Full Stack Engineer with 8+ years of experience designing, developing, and scaling full-stack applications using modern JavaScript frameworks, RESTful/GraphQL APIs, and cloud services.

I have experience and interest in working with: JavaScript, TypeScript, Node.js, Python, React/Redux, Angular, Vue, WebSockets, Webpack, Babel, GraphQL, HTML, CSS, MySQL, Postgres, git, Docker, AWS, UX/UI Research and Design, SEO.

## SKILLS

**Languages & Frameworks:** JavaScript, TypeScript, Node.js, React, Angular, .NET Core, Express, GraphQL, Redux,

**Cloud & DevOps:** AWS (SQS, Lambda), Azure, Docker, GitHub Actions, Jenkins

**Testing:** Jest, React Testing Library, Cypress, Unit, Integration & E2E Testing

**Databases:** MongoDB, PostgreSQL, SQL Server, Redis

**Tools:** Git, Jira, Postman, Figma, Contentful CMS

**Architectures:** Microservices, Serverless, RESTful APIs, MVC

## WORK EXPERIENCE

### SoluLab – Senior Full Stack Engineer

*Jan 2023 – Present · Miami, FL*

- Developed GraphQL schemas, wrote resolvers, designed backend types, and created query fragments and mutations for frontend integration, ensuring seamless data flow across the application.
- Developed and maintained RESTful APIs using Node.js and Express, connecting 3 major systems with 7000+ records, completing the connection to front-end system which gather 6000+ records.

- Optimized SQL and NoSQL database queries and implemented caching strategies that reduced load times by 50%, ensuring smooth and responsive user experience for interactive training modules.
- Built reusable React components and custom React hooks, reducing coding time by 40%
- Used AWS SQS as a message queuing system to fetch real-time processing status, enabling users to promptly track project statuses
- Implemented Relay Modern for efficient data fetching in React applications, improving performance and enhancing the user experience for business customers.
- Developed modular UI components in TypeScript and Tailwind, streamlining product development.
- Achieved 90%+ test coverage through Jest, RTL, and Cypress-based suites.

### **Comcast – Full Stack Software Engineer**

*Apr 2020 – Dec 2022 · Philadelphia, PA (Hybrid)*

- Deployed and maintained cloud infrastructure on AWS, optimizing application performance and ensuring scalability to meet growing demand.
- Designed and implemented background job processing systems using AWS SQS for effective queue management, optimizing task handling and reducing latency.
- Contributed to the optimization of database queries and storage solutions, improving data retrieval times by 30%.
- Attained 90%+ code coverage through comprehensive testing, ensuring stability and reliability for mission-critical applications in production.
- Spearheaded code reviews and knowledge-sharing sessions, fostering a culture of continuous learning and improving code quality.

### **Pinto – Full Stack Developer**

*Jul 2017 – Mar 2020 · Remote*

- Implemented a data-driven loyalty system backed by SQL Server and Entity Framework to analyze customer behavior, resulting in a 25% increase in customer retention.
- Automated product workflows using Amazon MTurk, reducing manual effort by 60%.
- Developed an incentive-based transaction system with RESTful APIs and microservices principles, driving user engagement and increasing daily transactions by 40%.
- Enhanced the platform's user experience with responsive interfaces built using Xamarin for mobile devices, achieving a 90% user satisfaction rate
- Automated CI/CD pipelines with Azure DevOps, Docker, and Kubernetes, accelerating deployment cycles by 50% and enabling
- efficient delivery of React and .NET-based applications Enhanced reporting accuracy by 25% through analytics and API integration.

- Automated CI/CD pipelines with Azure DevOps, Docker, and Kubernetes, accelerating deployment cycles by 50% and enabling efficient delivery of React and .NET-based applications.

## Education

### **Bachelor of Science in Computer Science**

*Florida International University — Miami, FL*

Graduated: May 2017