

# Yurik Valderrama

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## Experience

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### ***Vanguard Group***

***Oct 2024 - Present***

#### **Senior Platform Software Engineer**

Charlotte, NC

- > Built an enterprise data platform supporting 200+ analysts, delivering scalable infrastructure, automation, and orchestration layers that standardize and manage 100+ ETL pipelines and dashboards daily.
- > Partnered with cross-functional teams to architect and deliver performant APIs, user interfaces, and backend services, strengthening platform reliability and user experience.
- > Developed a docs-as-code solution leveraging GitHub Actions and Python, improving documentation standards and accelerating knowledge sharing across teams.
- > **Stack:** Python, FastAPI, GitHub Actions, Shell Scripting, Docker, PostgreSQL, AWS (CloudFormation, IAM, Glue, EKS)

### ***Vanguard Group***

***Mar 2023 - Oct 2024***

#### **Full-Stack Software Engineer II**

Charlotte, NC

- > Modernized a legacy monolith application using a microservice and event-based architecture resulting in \$5 million cost savings for the business through tax form projection functionality.
- > Designed and implemented multi-region cloud architecture with SLA/SLO-driven monitoring, achieving 99.99% uptime for mission-critical systems.
- > Spearheaded development of micro-frontend application adopted by 30M+ Vanguard clients annually to access portfolios and manage transactions, collaborating across, product, design, and engineering teams.
- > **Stack:** Angular, React, Nest.js, AWS (S3, SQS, SNS, Lambda), TypeScript, Java, Spring Boot, GraphQL, Honeycomb, Postman

### ***Vanguard Group***

***Oct 2021 - Mar 2023***

#### **Full-Stack Software Engineer I**

Charlotte, NC

- > Increased client satisfaction by 30% by revamping client facing applications through user feedback and collaboration with product, UX, and research teams.
- > Reduced production rollbacks by 15% by developing and maintaining automated unit, integration, and end-to-end tests for 8 applications, strengthening release quality and reliability.
- > **Stack:** Angular, React, Bootstrap, HTML/CSS, AWS (Dynamo, S3, SQS, SNS, Lambda), TypeScript, Jest, Splunk

### ***Toronto Dominion Bank***

***Oct 2016 - Mar 2021***

#### **Credit Specialist/Analyst**

Greenville, SC

- > Processed and underwrote private-label credit card applications for individuals and small businesses in English and Spanish, delivering accurate credit decisions while maintaining compliance standards.
- > Trained and mentored new hires via the company ambassador program, boosting onboarding speed and team efficiency.

## TECHNICAL SKILLS

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**Languages:** TypeScript, Python, JavaScript, Java, SQL, Shell Scripting

**Front End:** React, Angular, HTML/CSS, Bootstrap

**Backend:** Node.js, NestJS, Express, Java Spring Boot, FastAPI, GraphQL

**Cloud and Devops:** AWS (S3, Lambda, ECS, CloudFormation, RDS, Glue, Aurora), Docker, Kubernetes, GitHub Actions

**Database Management:** PostgreSQL, DynamoDB, SQL Server, Redis, Redshift, Aurora

## EDUCATION

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### ***University of South Carolina***

***Aug 2016 - Aug 2020***

*Bachelor of Science in Computer Science and Engineering; Minors: Mathematics | GPA 3.7*

*Greenville, SC*

## CERTIFICATIONS, SKILLS, AND INTERESTS

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- > **Certifications:** AWS Certified Developer (August 2022), AWS Certified Data Engineer (August 2025)
- > **Skills:** Collaboration, Problem-Solving, System Design, Agile/Scrum, Self-Sufficiency, Software & Data Architecture
- > **Interests:** Chess, Running, Tennis, Reading, Personal Finance, Strength Training