

Yurik Valderrama

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Experience

Vanguard Group

Oct 2024 - Present

Senior Platform Software Engineer

Dallas, TX

- > Built an enterprise data platform utilized by 200+ analysts, delivering scalable infrastructure, automation, and orchestration layer that standardizes and manages 100+ ETL pipelines and dashboards daily.
- > Developed a docs-as-code solution leveraging GitHub Actions and Python, improving documentation standards and accelerating knowledge sharing across the organization.
- > Partnered with Product and Engineering teams to deliver a reliable, secure, and scalable platform on AWS reducing operational toil and improving platform resilience.
- > **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.
- > Implemented multi-region cloud architecture and established SLA/SLO monitoring, achieving 99.99% uptime for mission-critical applications
- > 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, Bootstrap, HTML/CSS, Nest.js, AWS (Dynamo, S3, SQS, SNS, Lambda, CDN), 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

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, Cloud Formation, RDS, Glue, Aurora), Docker, Kubernetes, GitHub Actions

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

EDUCATION

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

- > **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