

Dante Vella

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🌐 [dantevella](https://dantevella.com)

Software Engineer II

Newark, DE, USA | 302-521-9927

Innovative Software Engineer II with 5+ years of experience building scalable enterprise web applications in regulated environments. Specialized in modern frontend architecture with growing full-stack expertise in Java, Node.js, and AWS serverless solutions. Proven ability to translate complex business workflows into secure, maintainable systems through cross-functional collaboration. Experienced in both greenfield product development and legacy modernization at enterprise scale.

Work Experience

JPMorgan Chase, Wilmington, DE

Hybrid

01/2023 - 03/2026

Software Engineer II

- Defined foundational frontend architecture and reusable UI patterns to support future product expansion.
- Partnered with stakeholders to translate business workflows into scalable application features.
- Delivered a greenfield product using Agile sprints, driving backlog refinement and continuous adoption.

08/2021 - 10/2023

Software Engineer I

- Modernized a legacy Angular application into a scalable React-based architecture.
- Expanded the Admin UI platform into a broader enterprise solution through cross-team redesign efforts.
- Partnered with Product to identify and implement UI/UX improvements.

Saint Joseph's University, Philadelphia, PA

In-person

08/2019 - 10/2020

Campus Technician

- Troubleshoot hardware and software issues for students and faculty.
- Assisted in deploying campus technology, including the university's first esports lab.
- Trained new technicians to full productivity within two weeks.

Education

Saint Joseph's University, Philadelphia, PA

B.S. Information Technology

Projects

Admin UI Application

Enabling product owners to submit and manage API onboarding requests.

- Designed a maker-checker approval workflow with audit logging.
- Implemented serverless Lambda promotion for approved records.
- Enforced end-to-end security and governance controls.
- Created reusable data-driven UI templates to reduce design overhead.
- Built to enforce security and governance end-to-end.
- Maintains operational integrity at scale.

Stack: React, Java, ECS, AWS Lambda, NodeJS, Jules, Pactflow

DQCS Application

Centralized platform to author, run, and evidence data-quality rules across datasets, delivering end-to-end traceability and regulator-ready controls.

- Developed an enterprise data quality platform supporting 1,000+ users.
- Implemented 20+ industry-aligned data quality algorithms.
- Integrated multi-platform data sources (i.e., AWS, Cassandra, ICDW, HWX, SFP).
- Built a configurable rule engine for model input/output validation.

Stack: React, Typescript, AWS, NodeJS, Java, Python, Jules

Skills

Frontend Architecture
RESTful API Integration
Full-Stack Development
UI/UX Implementation
Data Validation and Quality Engineering
Secure Application Workflows
Cross-Platform Development
Scalable System Design

Languages

Advanced

Typescript Javascript

Intermediate

Java SQL

Beginner

Python Cucumber

Frameworks & Tools

Expo Git
React React Native
REST Kubernetes
AWS Github Copilot
Firebase Karate
Bitbucket Angular
Eclipse Visual Studio
XCode Pycharm
IntelliJ Jupyter Notebook

Leadership & Interests

Eagle Scout (Boy Scouts of America)
Community Volunteer
Skiing and Intramural Recreation
Home Renovation Projects
Cooking
Film and Media
Sports Enthusiast
Video Games