

AMANDA TRUONG

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EDUCATION

University of Texas at Dallas

BS Computer Science

Jun 2014 – May 2018

Richardson, Texas

WORK EXPERIENCE

American Express

Software Engineer II

August 2022 – Present

Plano, TX

- Developed applications to support the transition to a more modern data pipeline that integrates large volumes of real-time data from diverse sources
- Experienced with technologies such as Java, Spring Boot, Kafka, Docker, PostgreSQL, Cassandra, Oracle, and gRPC
- Engineered scalable microservices that efficiently process and ingest real-time events, empowering data-driven decision-making processes
- Developed reusable components and frameworks to streamline ingesting new event types
- Collaborated with other teams for prod deployments, debugging, integration of components developed by other teams, and decisioning on data requirements
- Facilitated app migration onto a newer cloud platform

JPMorgan Chase & Co.

Software Engineer II

March 2020 – Present

Plano, Texas

- Architected, developed, and launched microservices utilizing Spring Boot, Kafka, Cloudfoundry, and Cassandra, effectively replacing legacy monolith system – servicing 20,000+ daily credit card applications
- Engaged in close collaboration with product and technical teams from multiple Fortune 500 companies to architect and build external-facing REST APIs, facilitating successful co-branded product launches
- Implemented multilayer encryption to meet partner-specific security requirements for co-branded Chase credit cards
- Created Splunk alerts and dashboards for easy monitoring services in production
- Experienced with production deployments, collaborating with other teams for regulation and approval processes

Fannie Mae

Software Engineer

Jun 2018 – March 2020

Plano, TX

- Developed features for a securities trading platform that services \$1B in volume of trades per day
- Built APIs for a trading application that opened up the opportunity for customers to integrate their own applications
- Created comprehensive automation test integration for APIs, UI functionality, and end-to-end testing with Selenide and Cucumber
- Led release testing efforts by organizing the full regression of the application, multi-user testing, and supporting deployment to production

- Reduced tedious manual testing efforts by creating an automated shakeout script that runs as part of a Jenkins job before and after business hours
- Develops code using Agile methodology, CICD, and test-driven development mentality
- Mentored a new team member on test automation

American Express

Software Engineering Intern

May 2017 – Aug 2017

Phoenix, Arizona

- Revamped a BI reporting application using iText, Java, Javascript, Angular, and SQL
- Reduced dependency on a paid third-party software for a more in-house solution to cut extra costs

Verizon

Network Engineering Intern

May 2016 – Aug 2016

Silver Spring, Maryland

- Created customized dashboard web pages and notifications using Splunk, XML, Python, SQL for members of the IP Capacity Engineering team to track real-time network utilization data
- Collected requirements and engaged in iterative feedback to create a fully personalized experience for each member

SKILLS

- Languages: Java, Python
- Technologies: Kafka, REST APIs, SOAP, gRPC
- Frameworks: Spring Boot, Spring, Selenium/Selenide/Cucumber
- Cloud: AWS, Cloud Foundry
- Data Storage: Cassandra, Firebase, Oracle, PostgreSQL
- Tools: Git, Bitbucket, Splunk, Dynatrace, Kibana, Grafana, Jenkins

CERTIFICATIONS

AWS Certified Developer - Associate

Demonstrates proficiency in developing, deploying, and debugging cloud-based applications using AWS