AMANDA TRUONG

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EDUCATION

University of Texas at Dallas Jun 2014 – May 2018
BS Computer Science Richardson, Texas

WORK EXPERIENCE

American Express August 2022 – Present
Software Engineer II Plano, Texas

- Engineered scalable microservices to modernize the credit card data pipeline, enabling real-time event processing and enhancing data-driven decision-making in downstream systems
- Leveraged technologies such as Java, Spring Boot, Kafka, Docker, PostgreSQL, Cassandra, Oracle, and gRPC
- Developed resusable components and frameworks to streamline ingesting new event types
- Collaborated with cross-functional teams for production deployments, debugging, and integration
- Facilitated app migration onto a newer cloud platform

JPMorgan Chase & Co. March 2020 – August 2022
Software Engineer II Plano, Texas

- Architected and developed microservices utilizing Spring Boot, Kafka, Cloudfoundry, and Cassandra, replacing legacy monolith system – servicing 20,000+ daily credit card applications
- Collaborated with product and technical teams from other Fortune 500 companies to build external-facing REST APIs, facilitating successful co-branded product launches
- Implemented multi-layer encryption to meet partner-specific security requirements for co-branded Chase credit cards
- Created Splunk alerts and dashboards for efficient monitoring services in production
- Managed production deployments and ensured compliance with regulation and approval processes

Fannie Mae Jun 2018 – March 2020
Software Engineer Plano, Texas

- Developed features for a securities trading platform processing $1B in daily trades
- Built APIs to enable integration of external customer applications with the trading platform
- Created comprehensive automation test suites 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

American Express May 2017 – Aug 2017
Software Engineering Intern Phoenix, Arizona

- Revamped a BI reporting application using iText, Java, Javascript, Angular, and SQL

- Reduced dependency on third-party software, cutting costs and improving system efficiency

Verizon
Network Engineering Intern

May 2016 – Aug 2016
Silver Spring, Maryland

- Developed 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 customize dashboards for each team member

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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

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CERTIFICATIONS

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