

JIMMY NGUYEN

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CAREER OBJECTIVE

Software Engineer with experience in financial services building React-based client web applications integrated with headless CMS and RESTful services. Seeking to grow my leadership and technical expertise in front-end architecture and cloud-native development.

EXPERIENCE

Software Engineer

August 2026 – Present

Ameriprise Financial Services, LLC

Minneapolis, MN

- Lead end-to-end software releases, coordinating development, QA, deployment, and production rollout.

Programmer Analyst II

January 2024 – August 2026

Ameriprise Financial Services, LLC

Minneapolis, MN

- Enhanced performance, maintainability, and user experience of Columbia Threadneedle's website by collaboratively migrating to a modern React-based Single Page Application coupled with Bloomreach's headless CMS.
- Increased Columbia Threadneedle's accessibility score by 12% and to an all-time high by leading accessibility improvements end-to-end from JIRA ticket creation to production validation.
- Spearheaded mobile OTP authentication, integrating backend services to streamline login flows and ensure secure access across the application.
- Developed the new Interval Funds detail page, integrating multiple backend service calls and contributing to \$63M in assets raised since April.
- Automated pre-deployment regression testing by partnering with QA leads and leading developer-side implementation of Docker, Jenkins, Yarn, Cypress, and Artifactory across 12 test suites.
- Selected as 1 of 3 engineers out of 50+ for a GitHub Copilot pilot program, researched and presented best practices on security, prompt engineering, and productivity commands to the wider engineering org.
- Coordinated with analytics, personalization, backend, and web infrastructure teams to troubleshoot issues, manage version upgrades, and ensure smooth cross-team delivery.

Technology LDP – Rotations: Cloud/Data, Architecture, Platform Engineering

June 2022 – December 2023

Ameriprise Financial Services, LLC

Minneapolis, MN

- Performed migration of 20 applications from on-premise infrastructure to Amazon EKS and directed 2 product team releases, utilized Sumo Logic for monitoring and Postman for validation.
- Developed and deployed an AWS Lambda function to automate daily ingestion of 7M records into the database in near real-time, leveraging both Amazon S3 and Amazon Athena.
- Partnered with architecture to design and develop an integration between datalake and application API to load engagement data as research notes, lead Python development of the interface from requirements through functional testing and successfully handed off to BAU team.
- Implemented and tested notification features for Columbia Threadneedle's file storage and transfers platform, employing Amazon SNS, Amazon SQS, and AWS Lambda to enable an auditable and reliable service under the .NET framework.
- Utilized Open Policy Agent, JWT, and REST API principles to implement a secure authorization pattern for the organization's file storage and transfer platform.
- Completed a proof of concept integrating LaunchDarkly with the team's routing logic to enable zero-downtime deployments.
- Maintained a self service utility through Jenkins, enabling developers to update Kubernetes resources on AWS.

Pearson VUE

May 2021 – August 2021

Software Engineer Intern

Remote

- Delivered 35+ front-end stories for the organization's automated email configuration application built upon the Angular framework.

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python, C#, C, Java, Rego, Groovy

Technologies/Frameworks: React, Angular, Jenkins, .NET, Postman, REST API, LaunchDarkly, Headless CMS, Git, Docker, Kubernetes, Maven, Swagger, Github Copilot

Cloud Services: AWS Lambda, Amazon SNS, Amazon SQS, Amazon Athena, Amazon S3, Amazon EKS

Soft Skills: Communication, Collaboration, Creativity/Design, Empathy, Time Management, Ownership, Leadership

EDUCATION

University of Minnesota – Twin Cities, College of Science & Engineering

September 2018 – May 2022

Bachelor of Science in Computer Science, Minor in Management

Minneapolis, MN

GPA: 3.50