

Jerry Nguyen

Senior Software
Engineer

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OBJECTIVE

Energetic software engineer with a continuous learner mentality. Background and experience include: front-end and back-end development and data engineering.

EXPERIENCE

Improving (formerly Object Partners) / Consultant

AUGUST 2019 - AUGUST 2024

Pearson VUE - Contract Senior Software Developer
FEBRUARY 2022 - JUNE 2024

- Worked closely with a team of engineers to modernize a web application testing suite using Java with Spring Boot.
- Helped enhance and build out new features for a secure rendering engine.
- Helped to mentor junior engineers to enhance their coding and debugging skills.

Optum - Contract Software Engineer
JANUARY 2020 - JANUARY 2022

- Developed an authorization application using Java with Spring Boot.
- Developed a web application for user authorization and management in Angular.
- Involved in setting up Jenkins build pipelines for continuous development and deployment processes

Change Healthcare - Contract Software Developer
AUGUST 2019 - JANUARY 2020

- Developed and maintained GraphQL API using Groovy with Micronaut.
- Contributed to building solutions enhancing organization-wide cohesive design language, code reusability, and customer satisfaction.

Target Corporation / Software Engineer

Last-mile Delivery Alternatives - Supply Chain and Transportation
AUGUST 2018 - AUGUST 2019

- Designed and developed an ETL solution using a microservice pattern approach to replace monolithic software.
- Helped build and maintain resilient RESTful APIs to expose and persist carrier activity to internal and external systems using Java with Spring Boot and Apache Kafka.

Target Corporation / Software Engineer - Technology Leadership Program

BigRed - Big Data
FEBRUARY 2018 - AUGUST 2018

- Gained understanding of the Hadoop ecosystem including HDFS, YARN, Hive, Oozie, and ZooKeeper.
- Assisted in building and maintaining Target's Big Data Ecosystem and sandbox environment.

Self-Checkout - Point of Sale
AUGUST 2017 - FEBRUARY 2018

- Worked closely with a team of engineers on a new Point of Sale solution distributed to over 8,000 in-store Self-Checkout registers.

TECHNICAL SKILLS

- **Programming Languages** – Java, Groovy, Javascript, Typescript, Angular, Node.js
- **Software** – IntelliJ, Insomnia, Postman, Vim
- **Testing** – JUnit, Spock, Mockito, Gauge, Cypress
- **CI/CD Tools** – GitHub, Jenkins, Kubernetes, Docker, Azure DevOps, Openshift
- **Database and Query Languages** – SQL Server, MySQL, PostgreSQL, CosmoDB

EDUCATION

University of Minnesota - Twin Cities / Bachelor of Science in Computer Science
College of Science and Engineering - 2017