Daniel Khuu

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SUMMARY

Full stack software engineer with 5+ years of experience designing and delivering cloud-native applications in healthcare and finance. Shipped production-critical features used by 2000+ users across major hospitals, with expertise in both backend (Java, Python, AWS) and frontend (Angular, TypeScript). Known for taking ownership of end-to-end features, improving user experience, and collaborating effectively across engineering and product teams.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript/JavaScript, Kotlin, SQL

Frameworks & Technologies: Spring Boot, Angular, Amazon Web Services (AWS), mySQL, PostgreSQL, Junit, Cypress, Jest, Docker, Terraform

Tools: Git, Gradle, Maven, Datadog, Jenkins, Github Actions, Snyk, Postman, PagerDuty, Agile

EXPERIENCE

Current Health - Best Buy Health   Remote (Austin, TX)
Software Engineer   Oct 2021 - Jun 2025

- Led full stack development of a chat messaging feature using Java/Spring Boot and Angular, reducing video calls and internal emails between clinical staff and patients by 50% across 15+ hospitals
- Scaled backend services to support growth of the chat messaging feature from 1800 to 5000+ daily users, improving load handling and system throughput
- Automated scaling tests with Kotlin scripts, cutting QA validation time by 25%
- Developed features for a real-time patient alerting system using Java/Spring Boot, AWS SQS, and PostgreSQL to notify clinical staff of abnormal vital signs
- Redesigned Angular components for clinical staff-facing interfaces, enhancing user experience and increasing customer satisfaction scores by 12%

JP Morgan Chase (Contract via American CyberSystems)   Plano, TX
Java/J2EE Software Engineer   May 2021 - Oct 2021

- Migrated 100+ files from on-perm Oracle data store to AWS-hosted Hadoop data lake using CI/CD ingestion pipelines
- Built Python scripts to automate deployment, reducing manual errors and setup time by 10%
- Collaborated with app owners to decommission redundant schemas before ingestion to Hadoop, streamlining legacy infrastructure

Fidelity Investments   Merrimack, NH
Software Engineer   Jun 2020 - May 2021
Software Engineer Associate   Jan 2019 - Jun 2020

- Designed and rebuilt a RESTful service from scratch in Java/Spring Boot to ingest test results from the CI/CD pipeline of internal teams to Snowflake/Tableau for data visualization, reducing latency by 15%
- Integrated Datadog for real-time monitoring, setting SLOs/SLAs, and automating performance alerting
- Built Powershell scripts that creates batch files as part of the CI/CD pipeline for offshore workflows
- Promoted to team lead on iCEDQ, an ETL validation tool for on-perm Oracle databases and AWS RDS, for the entire business unit

EDUCATION

Stony Brook University | Stony Brook, NY   Aug 2013 - Dec 2017
- Bachelor of Science in Computer Science | Minor in Writing
- GPA: 3.66/4.0