

Daniel Khuu

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SUMMARY

Backend-focused full stack software engineer with six years of experience building scalable enterprise applications using Java, Angular, and AWS. Delivered critical features used by over 1000 users across over 10 hospitals, improving care coordination, and reducing operational overhead. Skilled in modernizing legacy codebases, automating pipelines, and leading cross-functional projects with measurable outcomes. Proficient in Python with a grasp of cloud-native architecture. Open to relocation.

EXPERIENCE

Current Health - Best Buy Health

Remote (Austin, TX)

Software Engineer

Oct 2021 - Jun 2025

- Spearheaded full stack development in Java and Angular of a chat messaging feature for hospitals, resulting in a 50% reduction in video calls and internal emails between nurses and patients
- Integrated third-party chat SDK across backend and frontend services, achieving real-time latency of <200ms
- Designed and implemented features to scale the chat messaging feature to over 5000 users
- Automate the setup and testing of the chat messaging scaling work using Kotlin, reducing QA time by 25%
- Developed on backend Java microservices to enable patient alerts for abnormal vital signs and survey responses, used by nurses in over 10 hospitals

JP Morgan Chase (Contract via American CyberSystems)

Plano, TX

Java/J2EE Software Engineer

May 2021 - Oct 2021

- Performed ingestion on over 100 files from on-perm Oracle data store to AWS-hosted Hadoop data lake, reducing storage cost by 5%
- Automated CI/CD setup for ingestion workflows with Python, accelerating pipeline deployment by 20%
- Collaborated with app owners to decommission redundant schemas before ingestion, simplifying legacy data structures

Fidelity Investments

Merrimack, NH

Software Engineer

Jun 2020 - May 2021

Software Engineer Associate

Jan 2019 - Jun 2020

- Designed and rebuilt a REST API service from scratch in Java to ingest test results from the CI/CD pipeline of internal teams to publish to Snowflake/Tableau for data visualization, reducing latency by 30%
- Integrated Datadog for real-time monitoring to implement performance alerts, define SLOs/SLAs, and visualize trends on interactive dashboards
- Built and deploy a Powershell script that creates batch files as part of the CD/CI pipeline for an offshore team
- 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

TECHNICAL SKILLS

Languages: Java 17, Typescript/Javascript, HTML/CSS, Python, Kotlin, SQL

Software & Tools: Angular, Amazon Web Services (AWS), JUnit, Jenkins, Datadog, Snyk, Gradle, Maven, Docker, MySQL, Postgres, Cypress, Postman, PagerDuty