

Daniel Khuu

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SUMMARY

Backend-focused full stack software engineer with six years of experience delivering scalable enterprise applications using Java, Angular, and AWS. Delivered critical features used by over 1000 users across more than 10 hospitals, driving improvements in code maintainability, and mentoring new engineers. Experienced with relational databases and 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

- Led full stack development of a chat messaging feature for hospitals using Java and Angular, 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
- Implemented enhancements to scale the chat messaging feature to over 5000 users
- Automated the setup and testing of the chat messaging scaling work using Kotlin, reducing QA time by 25%
- Developed features for a real-time patient alerting system using Java, AWS SQS, and relational databases to notify nurses of abnormal vital signs across more than 10 hospitals

JP Morgan Chase (Contract via American CyberSystems)

Plano, TX

Java/J2EE Software Engineer

May 2021 - Oct 2021

- Migrated over 100 files from on-perm Oracle data store to AWS-hosted Hadoop data lake using CI/CD ingestion pipelines
- Automated ingestion pipeline deployments with Python, accelerating CI/CD setup by 20%
- 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 REST API service from scratch in Java to ingest test results from the CI/CD pipeline of internal teams to Snowflake/Tableau for data visualization, reducing latency by 30%
- Integrated Datadog for real-time monitoring to define SLOs/SLAs, automate performance alerts, and visualize trends on interactive dashboards
- Built and deploy a Powershell script that creates batch files as part of the CD/CI 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

TECHNICAL SKILLS

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

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