Daniel Khuu

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SUMMARY

Results-oriented full stack software engineer with six years of experience delivering scalable enterprise applications across large companies and startups. Proven ability to lead cross-functional projects and build cloud-native systems using Java, Angular, and AWS. Delivered mission-critical features used by over 1000 users across more than 10 hospitals, driving improvements in code maintainability, and mentoring new engineers. Adept at Python, relational databases, and real-time monitoring. 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/Spring Boot and Angular, resulting in a 50% reduction in video calls and internal emails between nurses and patients
- Scaled the chat messaging feature to support over 5000 users by optimizing backend load handling
- Automated the setup and testing of the chat messaging scaling work by writing Kotlin scripts, reducing QA time by 25%
- Developed features for a real-time patient alerting system using Java/Spring Boot, AWS SQS, and relational databases to notify nurses of abnormal vital signs
- Rebuilt key Angular application pages, improving the frontend user experience and increasing customer satisfaction by 15%

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
- Developed Python scripts to automate ingestion pipeline deployment, cutting setup time by 20% and reducing manual errors
- 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 30%
- Integrated Datadog for real-time monitoring to define SLOs/SLAs, automate performance alerts, and visualize trends on interactive dashboards
- Created 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: Spring Boot, Angular, RxJS, Amazon Web Services (AWS), Jenkins, Datadog, Git, Snyk, Gradle, Maven, Docker, mySQL, Postgres, Junit, Cypress, Postman, PagerDuty