Kenneth Jusino

Principal Software Engineer | Technical Lead

PROFILE

Principal Software Engineer and Engineering Manager with 7+ years developing performant, resilient, concurrent, cloud-native, high-quality distributed backend systems.

EXPERIENCE

Senior Manager of Software Engineering, Roche Inc, *Remote*   2024-Present
Saved $5M annually by leveraging formal methods to automate the verification of SDLC artifacts and document generation complying with IEC 62304 for Software as a Medical Device

Senior Software Engineer, Roche Inc, *Remote*   2023-2024
Manager of Compliance Engineering's seven engineers. Designed and executed technical strategy while driving user adoption. Java, Kafka, Typescript, Prisma, PostgreSQL, AWS, Docker, Jenkins

Software Engineer 3, Roche Inc, *Remote*   2022-2023
Technical lead of Compliance Engineering and senior backend engineer

Software Engineer 2, Roche Inc, *Boston MA*   2020-2022
Backend engineer for Quality Engineering building web API's

Software Developer, IBM, *Littleton MA*   2019-2020
SDET for IBM NextGen Cloud. Tested Kubernetes control plane. Built novel protocol for local-to-server manual testing. Python, PyTest, Jenkins, IBM Cloud, Kubernetes

EDUCATION

Perimeter Institute for Theoretical Physics, Remote   2022-2023
     Certificate of Completion - PSI Start Scholar and PSI Bridge Program

Boston University, MA   May, 2019
     B.S. in Pure & Applied Mathematics, Minors in Computer Science & Physics

SKILLS

Programming Languages: Java, Typescript, Python, Golang, Rust, Javascript, Bash/Shell

Frameworks: Springboot, Node, FastAPI, Gin, Express, React, NestJS

Databases/ Infra: PostgreSQL, Prisma ORM, MongoDB, Cloudformation, Terraform

Tooling/ Platforms: Docker, Git, Kafka, Jenkins, AWS, Azure, GCP, Jira, qTest, LogzIO, TestNG

AI & Quantum: LangChain, LangGraph, Browseruse, Pydantic, Copilot, Qiskit, Ollama

AWARDS

National Science Foundation, D.C.   May 2024
     NSF CSGrad4US Fellowship Awardee - $159,000 to research quantum software systems

Boston Hacks, Boston University, MA   April 2018
     First Place - $500 award, Home Automation Track

Rhode Island Math League, R.I.   May 2015
     Top in High School - Most Points, $1000 scholarship for college

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