JOON PARK

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SKILLS

- Object-Oriented Programming (OOP) and design
- Languages - TypeScript, JavaScript, Kotlin, Python
- Back end development - RESTful APIs, third party API integration, Node.js, Ktor, Express.js, Microservice Architecture, Kafka, WebSocket, Socket.io
- Front end development - Angular, React, HTML, CSS, SCSS/SASS, Vite, Next.js, Bootstrap, Tailwind CSS
- SQL and NoSQL databases - MySQL, MongoDB, DynamoDB
- AWS tools - Athena, S3, Lambda, CloudWatch, ElastiCache, MSK, Cognito
- Other development tools - Unit test frameworks/libraries (Jest, JUnit, MockK), Git, GitHub, Shell scripting (PowerShell)
- Agile/Scrum methodology - Team facilitation, sprint planning, sprint retrospectives
- Data processing and analysis, validation, export script

RELEVANT WORK EXPERIENCE

Software Engineer II March 2023 - December 2024
VivoSense, Inc.
Newport Coast, CA (Remote)

- Developed object-oriented backend features in Kotlin/Ktor, including entire microservices, REST APIs for internal communication between microservices, data pipeline integrating third party APIs, WebSocket, caching, and Kafka/AWS MSK
- Built front end features in Angular/TypeScript based on Figma designs, integrating server-side logic; login/password reset workflow modals, tabbed pages displaying change history data, WebSocket-powered instant messaging feature including group chats
- Delivered a Minimum Viable Product (MVP) of a scalable clinical trial management web portal, achieving all OKRs and user stories
- Deployed data processing algorithms written in Python
- Ensured code quality and reliability through unit testing for front end (Jest) and back end (JUnit, MockK) code
- Developed and maintained technical documentation
- Presented technical designs, architecture decisions, and feature demos to stakeholders and team members
- Performed Scrum Master duties by leading daily standups, sprint planning sessions, and retrospectives

OTHER WORK EXPERIENCE

Senior Process Engineer II May 2021 - July 2022
Halozyme Therapeutics

Senior Engineer January 2020 - March 2021
Neurocrine Biosciences

Process Development Engineer III May 2014 - December 2019
Tocagen Inc.

EDUCATION

Certificate of Completion, Full Stack Web Development November 2022
University of California San Diego

Master of Science, Bioengineering June 2013
University of California San Diego

Bachelor of Science, Bioengineering: Biotechnology June 2011
University of California San Diego