

JOON PARK

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SKILLS

- 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, Vite, Next.js, Bootstrap, Tailwind CSS
- Object-Oriented Programming (OOP) and design
- Languages - TypeScript, JavaScript, Kotlin, Python
- 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 - NumPy, Pandas

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