

# JOON PARK

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## SKILLS

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- Object-Oriented Programming (OOP) and design
- Languages - JavaScript/TypeScript, Kotlin, Python
- Back end development - Ktor, Express.js, Node.js, Microservice Architecture, RESTful APIs, 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

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### 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, including login/password reset workflow modals, tabbed pages displaying change history data, and a 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 tests for front end (Jest) and back end (JUnit, MockK) code
- 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

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### Senior Process Engineer II

May 2021 - July 2022

Halozyne Therapeutics

### Senior Engineer

January 2020 - March 2021

Neurocrine Biosciences

### Process Development Engineer III

May 2014 - December 2019

Tocagen Inc.

## EDUCATION

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### 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