

SAMANTHA VINCI

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EXPERIENCE

WeWork

March 2018 - Present

Backend Software Engineer, Real Estate Development Technology

Built backend features to help automate the search & acquisition process for real estate deals in 89 countries.

Automated Approvals

Kotlin, Hibernate, MySQL, GraphQLs

- Wrote the backend software for a tool that would allow the company to do more of the approval process asynchronously online instead of relying on large in person meetings to close deals
- Authored technical designs outlining the db structure & gql schema for various features in this service
- Contributed software engineering expertise during initially product development meetings to identify edge cases early in the development life cycle

Dealtrack: Data Consolidation & Performance Optimization

Kotlin, Hibernate, MySQL, Liquibase

- Backend engineer on a project to normalize data that had been collected and stored by various other teams and consolidate it in one central location
- Identified parts of the legacy code base that were causing slow searches, scoped to work to improve performance, and lead the update implementation efforts resulting in a significant increase in performance

Mentorship

- Worked with junior frontend developers on my team to teach them kotlin and get them comfortable contributing the backend code base

Bond.co

November 2016 - January 2018

Tech Lead (Aug 2017 - Jan 2018), Backend Software Engineer (Nov 2016 - Aug 2017)

Co-designed & developed backend services for the fulfillment automation system at a startup that used robots to write notes that appeared to be written by hand.

Pen Station

Node, MongoDB, Redis, SQS, SNS

- Developed a pub/sub service to route internal HTTP traffic among microservices of the order fulfillment platform called Pen Station (capable of handling over 253,500 messages a day)
- Wrote a custom string interpolator to parse variables from incoming data and dynamically create different payloads for each pub/sub subscriber
- Built libraries in NPM, Python, and PHP to allow Bond's clients & other teams to interact with WebHook

Conductor

Node, Socket.io, Redis, Python, RaspberryPi

- Developed a set of socket based services that allow WebSocket protocol based interaction with the robots
- Performed capacity research that helped lead to the final architecture

Batcher

Node, MongoDB, pdfkit, AWS

- Developed microservices handling messages sorting, order cancellation, and pdf-generation

Moat

August 2016 - November 2016

Solution Software Engineer

TECHNICAL SKILLS

Languages: Kotlin, Python, JavaScript/Node.js, Git, Bash shell scripting

SQL/NoSQL Databases and Related: MySQL, MongoDB, PostgreSQL, Redis

Libraries and Other Tools: Hibernate, JPA, Gradle, GraphQL, Docker, AWS SNS & SQS, Hapi.js

Devops: Docker, DCOS/Mesosphere

EDUCATION

Fullstack Academy of Code

May 2016 - July 2016

Fashion Institute of Technology, AAS & BFA

September 2009 - June 2013