# JON HUBER

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## TECHNICAL SKILLS

**Languages:** Java (Spring), Kotlin, TypeScript (React Native + React), JavaScript, GraphQL, Swift (SwiftUI)
**Persistence:** DynamoDB, SQL (PostgreSQL), Redis
**Frameworks + Libraries:** Terraform, Docker, Kubernetes, JUnit, Jest
**Developer Tools:** Git, Gradle, Maven, AWS

## EXPERIENCE

**Software Development Engineer II** **April 2023 - Present**
*OfferUp, Growth Loop Team*

- Led the maintenance and experimentation of item recommendation notifications, delivering **250 million** notifications weekly and driving **20% of DAU**, by implementing keyword and frequency tests that resulted in a **9% increase** in DAU
- Developed direct messaging (DMs), link unfurling, and a new message acceptance flow, enabling users to connect and engage outside of listing chats
- Proposed and led the end-to-end development of message reactions, encouraging users to return to the app and create more chat threads, resulting in a **0.5% increase** in engagements per user
- Contributed to key, time-sensitive initiatives for the shipping service, which accounts for **6% of revenue**, enhancing shipping labels with phone numbers, hazardous material indicators, and QR codes

**Software Development Engineer I** **March 2022 - April 2023**
*OfferUp, Communications Team*

- Spearheaded the development of sorting and pinning functionalities for the inbox, streamlining listing management for power sellers and resulting in a **2.3% increase** in ad revenue
- Designed and implemented a suite of microservices for handling email campaigns, processing approximately **12 million** emails weekly, and driving a **22% increase** in weekly active users
- Migrated the MeetUps service from a Python monolith to a Java-based microservice using the Spring framework, reducing monthly costs by **94.86%**

**Back End Software Developer** **August 2021 - March 2022**
*IBM, Data Policy Service Team*

- Implemented a feature that allows users to define custom predicates, enabling the creation of tailored rules to meet specific business needs and enhancing user flexibility
- Developed an API within the IBM Cloud rule engine to convert abstract rules into discrete rules, expanding support for a wider range of customer environments
- Created an algorithm to identify structural similarities between data protection rules and their variants, optimizing storage by reducing rule redundancy
- Built a visualizer tool to showcase the impact of adding or removing rules to an IBM Cloud catalog, empowering users to make informed decisions about permissions management

## CURRENT PROJECT

**How Many Stacks** **June 2024 - Present**

- Developed a website for a local pickleball community of about **100 DAU** to monitor wait times and track court reservations, providing real-time visibility into court availability
- Transforming the website into a mobile app, scaling the platform to support multiple communities

## EDUCATION

**Purdue University** **2021**
Bachelor of Science, Computer Science 3.77 GPA, Dean's List