





Jonathan King

Software Engineer

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Education

Georgia Institute of Technology, Atlanta, Georgia

May 2019

B.S. Computer Science

Work Experience

Hoylu - Client Services Team supporting Alcon

August 2022 - Present

Software Engineer II (Full Stack)

- Utilized a tech stack leveraging Kotlin, Spring Boot, React, and AWS services (S3, Lambda, SQS) to deliver a seamless and efficient product returns process, est. ~10,000 returns per year
- Designed scalable bulk email architecture to ensure optimized and streamlined email campaigns while maintaining the integrity of existing systems
- Calculated quantitative metrics analyzing over 1M orders and aggregated dollar values across different criteria to measure the app's total value proposition for eye care providers
- Enhanced the functionality of the existing Node.js price scraper by incorporating additional websites, expanding the app's coverage of product prices across retailers for more competitive pricing
- Improved auto import functionality, enabling image uploads that trigger AI-driven data extraction, automatically populating user orders with the extracted information
- Identified and addressed production bugs across the entire tech stack, utilizing Datadog for faster issue detection and resolution
- Developed and implemented Kotlin migration scripts, streamlining the process of updating data stored in MongoDB across all environments

OneTrust

July 2019 - June 2022

Software Engineer (Front End)

- Delivered 50+ features within the Angular framework to meaningfully contribute to the company's fast growth within the data privacy market
- Implemented unit tests to establish code coverage across the application increasing coverage from 0% to a 70% threshold requirement
- Constructed data lineage visualization using D3.js to enable users to view data connections across tables based on transfers defined within Cosmos DB
- Performed product demonstrations weekly to 30+ coworkers to receive feedback and improve features before deploying to production

Side Project

DraftDay

September 2024 - Janurary 2025

- Developed new features for the iOS app utilizing TypeScript, Node.js, Firebase, and SwiftUI to allow 300+ users to compete against each other weekly in fantasy football
- Engineered scoring logic to facilitate weekly player drafts and dynamic score accumulation to identify tournament winners at end of the NFL season

Skills

Languages

Technologies

Tools

Cloud Services

Typescript, Javascript, Python, HTML, CSS, Kotlin, Java
React, Redux, Spring Boot, MongoDB, Node.js, Angular, RxJS
Gitlab, Bitbucket, Jira, Git, Jenkins, Datadog, Docker, Confluence
AWS (S3, Lambda, SQS, Athena)