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Josh Rothenberg

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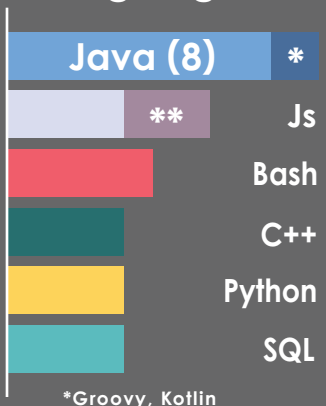
Languages



*Groovy, Kotlin
**React, Angular

Education

University of Vermont
2015 - 2018

Major
Computer Science

Minors
Biology | English

UVM Honors College
2015 - 2018

Scholarships
National Merit

Other Projects

Art Game: grafitti-themed platformer (C++, GLUT) for Uni.

Reddit Deal-bot: scrapes sales-sharing subreddits for great deals (Py)

Covid test wait-time scraper: for my local Urgent Care (via Bash, urlwatch)

Home network ad blocking (via hard-ware, Pi-Hole)

Software Engineer

A design-oriented back-end engineer with a love for solving interesting logic problems, learning new technologies, and creating robust systems. Trained primarily in Java EE.

Skills | RESTful APIs | Micro-services | NoSQL | Agile | TDD
Infrastructure-as-Code/Terraform | Cloud services

AWS | ECS | λ | S3 | DynamoDB | SQS | Step Functions

Relevant Experience

Dealer.com | Java Engineer — Jan 2019 - present

Dealer.com, a subsidiary of Cox Automotive (Kelly Blue Book, Autotrader), is the nation's largest provider of OEM car dealership websites.

- Designed and implemented new RESTful web services in Java for the back-end of a monolithic, legacy on-premises codebase in transition to an AWS micro-service architecture.
- Performed maintenance and updates on ReactJs widgets for our mixed stack team focused on dealership-marketing applications.
- Designed and maintained NoSQL databases (MongoDB, DynamoDB) in support of new product features requested by multinational partners.
- Optimized the responsiveness of web services through parallelization and caching to reduce response times by up to 60% in some cases.
- Created in-house tooling to provide data access for non-technical partners.
- Envisioned, coded, and taught multiple community-outreach programming workshops for local elementary and middle-school students.

Other positions held

Transportation Systems RFID Research Intern Prof. Byung Lee, VTRANS
Fall 2018 Developed headless Debian data-collecting software for testing the efficacy of a car-mounted RFID sensor designed to read tagged Vermont roadsigns.

After-school Teacher C.P. Smith Elementary, Burlington School District
2017 - 2018 Designed and taught engaging STEM-oriented classes like Minecraft and Magic the Gathering for groups of 10-20 elementary school students ages 6-11.