

Bradley Oesch

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EXPERIENCE

Indeed

Austin, Texas

Tech Lead / Staff Software Engineer – Indeed Flex

Oct 2020 – Present

Python • Django • Java • JavaScript • React.js • Node.js • GraphQL • MySQL • AWS RDS • Terraform • SNS/SQS

- Singly implemented Java GraphQL service for one-way emails and two-way SMS messages
 - Other sub-team did not know java, I switched to that sub-team to help them implement, ended up finishing entire project before rest of team could jump over to help/learn
 - Created GraphQL schema, implemented GraphQL operations with DGS framework
 - Integrated with Indeed-specific email service to send emails
 - Integrated with Twilio to send SMS, implemented webhook to receive inbound SMS messages
 - Implemented database connection with R2DBC, a non-blocking publisher-based library to enable streaming data (e.g. GraphQL subscriptions for real-time chat messaging)
 - Wrote all GraphQL unit tests, database integration tests, and extensive documentation on codebase, technologies, and integrations
- Architected compliance platform, involving service, webapp, database, and queues
 - Led architecture design review and API review, led development across a group of six engineers
 - Created new Django microservice and React.js webapp, set up MySQL db via AWS RDS and terraform
 - Drove MySQL schema and GraphQL API designs for initial feature
 - Split initiative into epics and each epic into tickets, prioritizing tickets within epics
- Introduced patterns for GraphQL APIs testing, React.js component testing, and cypress integration testing
 - Became greater team's common point of contact for questions on these topics

Tech Lead / Senior Software Engineer – Seen by Indeed

Jan 2019 – Oct 2020

Java • JavaScript • React.js • MySQL • JOOQ • RabbitMQ • Project Management

- Tech lead on payment structure changes across 10 engineers
 - Led design review, designed schema and engineering strategy to develop, test and release by deadline
 - Created new microservice, rpcs, introduced JOOQ and flyway for MySQL queries and migrations
 - Split initiative into epics and each epic into tickets, prioritizing tickets within epics
 - Acted as impromptu project manager, tracking ticket release over time compared to deadline

Software Engineer – Seen by Indeed

Jan 2016 – Jan 2019

Java • Spring • JavaScript • React.js • MySQL • JOOQ • Elasticsearch • HTML • CSS/SASS

- Helped grow product from 7,000 candidates, 2,500 employers, and 4 developers to over 500,000 candidates, 20,000 employers, and 20 developers

Wayfair

Boston, Massachusetts

Software Engineering Intern – Storefront Department

June – August 2014

MVC PHP • JavaScript (jQuery, AJAX) • MSSQL • HTML • CSS

- Full stack experience creating Digital Asset Manager to upload, search, group, tag, and batch edit photos

SKILLS / INTERESTS

Proficient: Java, JavaScript, React.js, GraphQL, Node.js, Python, Django, Spring, SQL, CSS/SASS, HTML

Familiar: SNS/SQS, RabbitMQ, Jenkinsfiles, Bash

EDUCATION

Georgia Institute of Technology

Atlanta, Georgia

Bachelor of Science in Computer Science

December 2015

- Minor in Computing & Business through the Denning Technology & Management Program