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Seattle, WA

Selam Gessese

SOFTWARE ENGINEERING APPLICATIONS

JASTdance *Cassandra, PostgreSQL, Loader.io, Nginx, AWS, New Relic*

Music streaming service with comments, playlists, and related tracks

- o   Optimized and benchmarked PostgreSQL and Cassandra until queries were below 20ms
- o   Architected and deployed a system design into production using AWS (EC2) and Docker
- o   Configured Nginx to balance traffic across multiple server instances
- o   Conducted throughput analysis using loader.io and New Relic to pinpoint bottlenecks

Hungry *React Native, Graphql, Node, Express, MongoDB*

Crafted selection of highly rated restaurants in close proximity

- o   Developed an iOS application using React Native and XCode
- o   Integrated geolocation functionality to send Graphql queries to Yelp's API
- o   Designed a RESTful backend using Node and MongoDB

DISTILLED *React, Docker, Jest, Enzyme, Git, AWS, MongoDB*

A clothing detail page with images, item information, and recently viewed items

- o   Collaborated with team of software engineers, employing Trello and daily standups
- o   Applied TDD with Jest and Enzyme, and version control with Git feature branch workflow
- o   Multiple React components running on EC2 instances using Docker, served by a proxy server
- o   Utilized text-compression and minification to increase Google Page Speed Score by 67%

SKILLS:

Front End:
- o   JavaScript
- o   React
- o   React Native
- o   Styled Components
- o   Webpack
- o   Bootstrap
- o   HTML
- o   CSS

Back End:
- o   Node.js
- o   Express
- o   MongoDB
- o   Cassandra
- o   MySQL

Tools:
- o   Git
- o   AWS
- o   Docker
- o   Trello
- o   Postman
- o   Graphql
- o   Jest
- o   Enzyme

EXPERIENCE

American Civil Liberties Union (ACLU) of Washington *Seattle, WA* | 2019

Public Outreach Assistant; previously *Events and Outreach Intern*

- o   Revamped the volunteer system by managing the move to an online database using Volgistics
- o   Analyzed material requests to create department reports with Excel and PowerPoint
- o   Facilitated sponsorships from local businesses for upcoming public events

City of Seattle *Seattle, WA* | 2018

Community Engagement Ambassador

- o   Audited and surveyed programs receiving grant funding from Parks & Rec department
- o   Educated and engaged underrepresented communities on public services available to them
- o   Provided translation services in Amharic for public events

EDUCATION

Hack Reactor at Galvanize *Software Engineering Immersive* *Seattle, WA* | 2019

University of Washington *Bachelor of Arts, Political Science* *Seattle, WA* | 2017
Dean's list: Winter 16, Spring 16, Spring 17

Seattle Central College *Associates of Arts* *Seattle, WA* | 2015
Dean's list: Spring 14, Fall 14, Winter 15, Spring 15