Blake Lee

Full-Stack Engineer

I'm a full-stack engineer that is passionate about developing real world applications with clean, maintainable code, with an emphasis in front-end development.

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Los Angeles

blakeswl.me

WORK EXPERIENCE

Manager
Nishi Poke & Ramen Bistro

2017 – 2018   *Los Angeles, CA*

Achievements/Tasks

- Drove substantial increase (45%) in lunch and dinner time business by employing 3rd party delivery service vendors.
- Built positive 3rd party vendor rapport to negotiate discounts on inventory (-20-30%, significant market price reductions).
- Maximized inventory space and decreased food waste (90%) by effectively cataloging through Excel spreadsheets.

Tutor
TutorMeLA

2016 – 2018   *Los Angeles, CA*

Achievements/Tasks

- Tutored high school and college students in Introductory Russian language, including grammar, reading and speech.

EDUCATION

University of California, Santa Barbara
Santa Barbara, CA

09/2012 – 06/2016   *Psychology B.A.*

Hack Reactor
Los Angeles, CA

2018

John Marshall Magnet High School
Los Angeles, CA

2008 – 2012

TECHNICAL SKILLS

JavaScript   React.js   Node.js   HTML5

CSS3/SASS   SQL DBMS (MySQL, Postgres)

NoSQL (Mongo)   AWS EC2   GraphQL

RESTful Architecure   Git Workflow

PERSONAL PROJECTS

Airbnb Listing Page [React, Node, CSS modules, Mongo] (2018)

- Designed a functional mockup of Airbnb's listing main page.
- Developed main page header & layout with modular components.
- Built proxy servers to integrate teammates' modules into single, cohesive listing replica.
- Utilized Docker to deploy final build on AWS EC2.

Amazon Product System Design [Node, Postgres, Nginx, AWS] -Scalability (2018)

- Designed a scalable system architecture to handle minimum of 10M data points.
- Identified slow read queries in PostgresSQL and leveraged indexing to optimize the queries by 1,624,000% (7,000 ms to 0.431 ms).
- Observed 12% error rate with Loader.io when handling 500 ops in stress-testing and introduced NGINX to reduce error rate to 0.8%.

Personal Website [React, Node, SASS, AWS] (2018)

- Designed my personal website from ground up using modular components.
- Dynamically responsive to different viewing formats.
- Designed UI that is user friendly and highly intuitive.
- Leveraged SMTP server to send emails directly from React component.

LANGUAGES

Russian   ●●●●○

Korean   ●●●●○

INTERESTS

if (working)

{ 'software engineer who is passionate about solving problems that make a difference' }

else

{ ' hiking enthusiast, Lebron James fanatic, coffee addict' }