

# Blake Lee

## Frontend Developer

Creative and agile problem solver, always seeking opportunities to join a group of engineers to develop practical applications on a forefront of technical innovation and user-centric design. Always seeking improvement, I embrace challenges that push me to think outside the box. Foundationally strong in JavaScript, RESTful API design, and database schemas, I adapt swiftly to new interfaces and workflows.

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## 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.

### 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 Architecture

Git Workflow

## RECENT APPLICATIONS

### 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 PostgreSQL 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

