

# 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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323-482-0091

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 Architecture

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 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



## INTERESTS

if (working)

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

else

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

Dear Hiring Manager,

The first two things I want to say about myself is that I think I am capable of being ingenious, being able to come up with out of the box ideas to meet the demands of a specific desired functionality and timeline, and agile while also keeping my approach user centric. For example, in developing my website I wanted to deploy it by a specified personal deadline, as I believe deadlines and due dates are essential part of any workflow. With that in mind, I set out to integrate an SMTP server for clients to be able to send emails directly from my react component. Encroaching on my scheduled target deployment, I instead set up a react email client that sends user messages directly to my database. This temporary approach allowed me to achieve two tasks: 1) keep the seamless illusion of client email delivery to my Gmail account and 2) stay consistent with the intended product delivery on a timed basis. As a practical example, these are two of my philosophies that allow me to create user friendly applications that seamlessly blend practicality and real world function.

Foundationally strong in JavaScript, RESTful API design, and database schemas, I adapt swiftly to new interfaces and workflows. I look forward to bringing my strengths and expertise to any team or culture. I focus on my positive mindset and strong technical communication skills to leverage my skillset in communication driven team that shares my passion and drive in staying on the cutting-edge of technology in order to create great products and give back to the community

Sincerely,  
Blake Lee

Portfolio:  
<https://blakeswl.me>