

BLAKE LEE, Full-Stack Developer

149 N. Catalina St. Los Angeles, CA 90004 (323) 482-0091 seulwoolee93@gmail.com

Portfolio: <https://blakeswl.me>

LinkedIn: <https://www.linkedin.com/in/blake-lee-4bb35b121/>

Github: <https://github.com/blake-swl>

MAIN STACK:

[React/Redux, GraphQL, Node.js, CSS/SASS, MongoDB, PostgreSQL]

WORK EXPERIENCE:

<i>March 19-Current</i>	Yippido	<i>Los Angeles, CA</i>
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- **Frontend Developer**
- Developed dynamically rendered components for eCommerce platform using React.
- Implemented functional programming principles for reusable, testable, efficient code when necessary.

<i>Dec 18-Current</i>	BLS Studio	<i>Los Angeles, CA</i>
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- **Developer & Designer**
- Provided web and design consultation to small businesses and clients on marketing strategies and branding.
- Designed and developed digital media, such as websites and menu boards, independent or with clients' direct input specifications.
- *Sample:* <https://www.nishipokeramen.com/>

PROJECT EXPERIENCE:

Content Management System: <i>React, Node, GraphQL, Postgres, SASS, Jest</i>	<i>2018 - Current</i>
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- <https://github.com/blake-swl/CMS>
- Designed and developed a CMS that users can use to publish content without needing to code.
- Utilized **wireframing, prototyping, and testing** to ensure cohesion and functionality.
- Implemented GraphQL server to both tie all endpoints in Postgres CRUD operations and manage state.

Amazon System Design: <i>Node, PostgreSQL, Nginx, AWS</i>	<i>2018</i>
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- https://github.com/Bacon-Icecream/FEC-Danny-L/tree/sdc_blake
- Designed a **scalable 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% (7,000ms to 0.431ms).
- Observed 12% error rate with Loader.io when handling 500 ops in stress-testing and introduced **NGINX to reduce error rate to 0.8%**.

Airbnb Listing Page: <i>React, Node, CSS modules, MongoDB</i>	<i>2018</i>
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- <https://github.com/HRLA23WhiteWalkers/MainPage>
- 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 replica.
- Utilized **Docker** to deploy final build on AWS EC2.

EDUCATION:

University of California, Santa Barbara	<i>Santa Barbara, CA</i>
Bachelor of Arts	

SKILLS:

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- Frontend: **React.js, CSS3/SASS, HTML5, Responsive Web Design**
 - Backend: **Node.js, PostgreSQL, MySQL, MongoDB, GraphQL, RESTful API**
 - Utility: **AWS EC2, Webpack, Git**