

SHAMMEL LEE

Software Engineer
Product Designer

2021

EXPERIENCE

Bold text for summarization

Software Engineer Karbon Industries Jan 2017-Present

- Implementing **UI/UX design**
- Maintaining and updating **web/mobile apps**
- Building various **internal systems**

Senior Front-end Engineer Nulab Inc Sep 2017-Feb 2021

- Contributed to a **React/Redux project management app** scaling to 1M+ users
- Created a **reusable component library** to speed up development time
- Designed and developed a **living design system**
- Did extensive responsive, **mobile-first UI development** and **Sass refactoring**
- Wrote monthly **a/b tests**
- Wrote **custom Marketo email campaigns**
- Did extensive **WordPress customization**
- Mentored junior developers via **code reviews, pair programming**, and weekly project-based training sessions
- Developed numerous **internal containerized Django systems**

Software Engineer Bow & Drape Sep 2015-Oct 2016

- Led **UX research** for mobile point-of-sale platform (**design sprints, user testing, user story mapping**) resulting in increased Q4 revenue
- Designed and developed numerous **microservices** for point-of-sale platform (**reporting, third-party integration, authentication, messaging**)
- **Automated infrastructure provisioning** to streamline deployments
- Participated in on-call rotation among the engineering team

Software Engineer (Front-end) Hackerati Jan 2015-Aug 2015

- Embedded with series A **startups** to build **MVPs**
- Led **UX research**
- Designed and developed **internal time-tracking app**
- Developed various **internal tooling**
- Mentored junior developers via monthly training sessions and **pair programming**

Software Engineer Edulence Corp May 2010-Dec 2014

- Single-handedly **researched, designed, and developed** a multi-tenant **financial recruiting platform** still in use by some of the world's largest financial institutions
- Contributed to **DevOps** efforts (**deployments, AWS management, auto scaling**)

Software Engineer Karbon Inc Sep 2008-Mar 2010

- Designed and developed **interactive kiosks, websites, and content management systems**
- Retouched client photos

Interaction Designer Syntax Nov 2006-Jul 2008

- Designed and developed **interactive kiosks and websites**
- Retouched client photos

BACKGROUND

Engineering is linked with “left-brain” thinking and design with “right-brain” thinking. However, the best solution to many problems comes from combining both forms of thinking. A designer who is adept in engineering is able to craft sophisticated product features. Similarly, an engineer with a design background will be able to create a more intuitive and appealing product.

Having a deep understanding of both form and function and being able to speak the language of both the designer and engineer allows products to be implemented exactly as they were envisioned, thereby eliminating the communication barrier that typically exists between teams. This allows information to be interpreted correctly and results in clear, consistent products that delight users.

EDUCATION

Digital Arts & Animation Katharine Gibbs 2002-2004

Graphic Design Suffolk College 2001-2002

SKILLS

Development

TypeScript
React/Redux
Node
Webpack
Sass/Stylus
Python/Django
PHP/WordPress
MySQL
MongoDB
Redis
Shell Scripting
C
Git
Make
Linux admin

Design

Illustrator
Photoshop
Figma
Framer
After Effects

INFORMATION

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