

Kyle Lee

Software Engineer

Contact

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Phone

(703) 431-3072

Location

Paeonian Springs, VA

LinkedIn

kyle-b-lee

Education

Flatiron School

Full Stack Web Developer Program

2018

Virginia Commonwealth University

Bachelor of Science, Marketing

Concentration in Product and Brand Management

2018, magna cum laude

Languages

JavaScript	Proficient
Python	Proficient
Java	Familiar
Ruby on Rails	Some Experience
SQL	Proficient-ish

Technologies

React.js	Proficient
Pyramid	Proficient
Django	Proficient-ish
Redux	Familiar
PostgreSQL	Proficient
Brightspot CMS	Proficient-ish
AWS	Familiar
Jenkins	Familiar
Styled-components	Proficient

Professional Experience



U.S. News & World Report

- Software Team Lead

Jun 2021 - Present

• Took on team lead role for one of two Education scrum teams: managed 8 developers, guided technical requirements/execution, conducted performance reviews, and prioritized core initiative work in collaboration with the product team.

Oversaw development of 15 roadmap initiatives focused on enhancements to high visibility/growth products: Student Connect, Academic Insights, Private Schools.

Spearheaded workflow migration to improve experience of B2B clients updating school content in Student Connect. Involved multiple phases/components: building an authentication servlet for SSO, migrating thousands of existing content objects, and updating APIs/frontend to seamlessly integrate with new architecture. (note: project currently in progress)

Led development of new K-12 Private Schools product that shipped with: school search experience, validation/ingestion of school data, profile pages (including UGC), school sponsored content, and CMS integration. Improved with subsequent initiatives: post-MVP improvements, ongoing data refinement/expansion, and Sweepstakes feature to drive more reviews.

Skills: Technical Leadership · Code Review · Performance Appraisal · React.js · Python

- Senior Software Developer

Jan 2021 - May 2021

• Architected and built a new app around online courses/certificates (SkillBuilder) utilizing Pyramid, React and a custom ETL pipeline to normalize and display course data from various third-party APIs and internal sources in an informative and searchable way.

Invited to participate in the developer candidate interview process, attending 16 rounds of technical screenings and panel debriefings during this timeframe.

Skills: React.js · Python · Pyramid · Amazon Web Services (AWS) · Interviewing

- Software Developer

May 2018 - Dec 2020

• Built 40 features across 9 applications in Education/News verticals and resolved 148 bug tickets with 86% first QA success rate. Filed 68 tickets to detail implementation, suggest refactoring improvements or track production bugs.

Developed Admissions Calculator scatterplot feature, enabling users to compare test scores and admissions data. Generated 428k user interactions (leads) and drove 40,800 new user accounts from November 2020 to July 2023.

Redesigned user reviews (UGC) feature in Best Colleges using new React components, third party reviews/moderation API integration, and 3 new pages for submitting/reading school reviews and FAQs. Over 6,000 college reviews collected from September 2019 to July 2023.

Contributed to site redesign and expansion by creating/migrating 18 pages across 4 products in our new React codebase, leveraging and extending an internal component system and CSS-in-JS.

Skills: React.js · Python · Pyramid · PostgreSQL · Brightspot CMS



RedPeg Marketing

- Brand Strategist

Brand Strategy Coordinator

Associate Account Coordinator



Mobelux

- Product Management / Business Development

Summer Marketing Internship