KEVIN ZHANG

web http://kevinzha.ng
email hello [at] kevinzha.ng

lang English, fluent
Chinese, conversational

Javascript (ES6)
HTML5 / CSS3
Python
C++
Java

interest Illustration
Graphic & type design
Data visualisation
Performance
UNIX

WORK

HubSpot
Senior Software Engineer I, 2019–current

JavaScript: Node.JS, ReactJS, Redux, GraphQL
Currently working as a frontend software engineer on the Pipelines team.

- Developed the frontend card customization for the deal board, giving users the freedom to choose how they viewed cards on the table.
- Developed the settings pages for custom object pipelines, one of the highest-requested features on HubSpot Ideas by customers.
- Managed the rollout of the custom object pipelines beta to customers.
- Developed the batch mutations feature for custom objects, allowing users to update more than 100 objects at a time.
- Moved the index and settings pages towards GraphQL endpoints, netting around 15-20% first paint load times for 90% of customers.
- Rolled out major changes to search API queries on the index pages, reducing API response size by as much as 80% on the largest portals.
- Developed user and team permissioning on the index and board pages, allowing super admins to control access management for their portals.
- Developed the quick filter bar for the index page redesign, allowing customers to parse and update active filters at-a-glance.
- Ran and concluded A/B performance tests for the index page redesign, netting around 5-10% faster page load times for 90% of customers.
- Added markers for tracking page performance and errors and created the corresponding NewRelic dashboards for internal analytics usage.

Federated Wireless
Cloud Software Engineer, 2017–2019

JavaScript: Node.JS, ReactJS, Redux; Amazon Web Services
Worked with the Boston-based cloud team to deliver cloud services to customers.

- Developed and deployed various internal tools used by operations to aid in calculating billing hours and upholding SLA.
- Developed a major end-to-end test framework with the ability to be run entirely from terminal through the use of a task runner.
- Helped direct key infrastructure changes to scale up to over 100,000 concurrent devices.
- Developed React components for engineering analytics, including Google Maps integrations, data graphs, and Redux tables with support for sort and search.

EDUCATION

Rensselaer Polytechnic Institute
B.S. in Computer Science, 2014-2017