

YOUNG EUN KIM

aakim0907@gmail.com | 734 - 846 - 9795 | Menlo Park, CA
<https://www.linkedin.com/in/young-eun-kim>

TECHNICAL SKILLS

Strong: JavaScript (ES6), React, Redux, Flow, Jest, Angular, PHP, Hack, SQL, HTML5/CSS3, SCSS, Bootstrap, Highcharts.js

Experienced: Node.js, NgRx, D3.js, Ruby, Ruby on Rails, Python, JQuery, Swift, Google Cloud App Engine, Kubernetes, Docker

EXPERIENCES

Deloitte Consulting LLP | *Software Developer*

2018 - current

- Developed a data analytics platform for a large social media and networking company to assist their infrastructure team in identifying hardware manufacturing vendor parameters impacting data center performance.
- Engineered a React/Redux SPA to build a highly dynamic application visualizing data computed from over 1 billion records.
- Led the data visualization developer team by prioritizing and breaking down technical requirements for each sprint cycle.
- Onboarded 10+ developers and conducted code reviews to maintain conformity of the codebase following best practices.
- Communicated with clients throughout the sprint cycle to discuss task loading and ran the demo for the sprint deliverables.
- Improved readability and reusability of the codebase by redesigning the data structures populating the filter pane to minimize code parsing on the frontend. resulting in the removal of 7000 lines of code.
- Decreased Time-to-First-Paint from 2-3 mins to < 3 seconds by utilizing a Memcache key-values store which resulted in a significant increase in daily active users.
- Created REST API endpoints in Hack to fetch data from HIVE tables using dynamically generated SQL queries and formulate the response JSON object to populate the data visualization.
- Used Flow as a static type checker for earlier error detection, easier code analysis, and improved code readability.
- Achieved >95% test coverage by writing unit and snapshot tests in Jest for React components and reducers.

Univentures | *Full Stack Developer*

2017 - 2018

- Developed and launched a web platform to support the entrepreneurial incubation center at the University of Michigan for students to easily communicate with one another for the purposes of team-building and idea generation.
- Deployed on Google Cloud App Engine and created a PostgreSQL database on Compute Engine to store user data.
- Incorporated hashing algorithm with 'bcrypt' on Rails backend to securely store and retrieve user passwords.
- Conducted 30+ in-person and phone interviews to draw key insights and create persona and user journey maps.
- Built high-fidelity wireframes in collaboration with UI/UX designers for the entire platform and all user workflows.

FIRM INITIATIVES

AR Konnect - *Edge Computing with Kubernetes*

2019 - current

- Developed an augmented reality iOS application using Apple ARKit that detects an image or a 3D object and renders metadata information retrieved from the Node API on KubeEdge node.
- Set up Kube cloud server connected to Kube nodes on Google Cloud Platform with Node.js app docker images.

DIGA - *Conversational AI*

2018 - 2019

- Developed a chatbot that verbally and visually explains analytical data to improve data literacy and time management.
- Used Socket.io to establish a websocket connection between the Node.js server and Angular frontend to facilitate real-time data transfer in the form of chat inputs and responses.
- Stored user inputs and data responses in NgRx store and utilized D3.js to render data visualizations and animations.

EDUCATIONS

University of Michigan School of Information

Human-Computer Interaction, M.S.

Ewha Womans University

Information Science, B.S.