Eugene Kim

Full Stack Software Engineer

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Releant Experience

Software Engineer @ Fulgent Genetics
El Monte, CA   Oct. 2020 – Present

- ▷ Implemented daemons utilizing the producer/consumer model, RabbitMQ, MongoDB, Express.js, and Oracle database to automate complex lab workflows and drastically reduce manual work and human errors.
- ▷ Built the enterprise client-facing COVID-19 and vaccine management system app using Vue.js, Node.js, Express.js, Amazon Aurora, and Amazon EC2 for a government client that manages over 100,000 employees.
- ▷ Extended company's internal laboratory information management system app using Vue.js, Angular.js, Express.js, RabbitMQ, MongoDB, NodeMailer, and Oracle database to boost user productivity.
- ▷ Troubleshooted, debugged, configured, and built enhancements into company's internal lab information management system and client facing enterprise system ensuring smooth operations.

Natural Language Processing, Cloud Engineering, & Database Programmer @ Information Technology Services - California State University, San Bernardino
San Bernardino, CA   Jan. – Jun. 2020

- ▷ Developed natural language processing chatbots for university's website which reduced customer service costs and provided 24/7 support to students, faculty, and staff.
- ▷ Improved speech recognition confidence through heavy testing, debugging, documentation, and flowcharts.
- ▷ Collaborated closely with Programmer Analyst and team in the design and implementation process.
- ▷ Implemented chatbots using HTML, CSS, JavaScript, Google Dialogflow API, and Node.js.

Project Manager/Software Engineer @ Software Engineering Course - California State University, San Bernardino
San Bernardino, CA   Mar. – Jun. 2019

- ▷ Led team of 6 as Product Manager in a software engineering course that delivered mobile apps to real companies.
- ▷ Used SCRUM to rapidly prototype and launch a mobile GPS app for students and faculty to the Google Play store.
- ▷ Implemented the ArcGIS Runtime SDK, heavily debugged, and delivered a search bar, navigation drawer, grid buttons, spinner, compass, and GPS using Android Studio and Java.
- ▷ Delegated roles, monitored responsibilities, and collaborated with team using Trello and Bitbucket.

Education

California State University, San Bernardino
2017 – 2020 // San Bernardino, CA

Bachelor of Science in Computer Science

Skills

JavaScript, TypeScript, C++, Java, Python, SQL, Vue.js, React.js, Angular.js, Vuex, Redux, HTML, CSS, Node.js, PM2, Axios, Express.js, Amazon Aurora, Oracle database, Oracle SQL Developer, MySQL Workbench, MongoDB, RabbitMQ, Amazon EC2, Linux, Git, Bitbucket, Jira, Visual Studio Code, Android Studio