James Kim

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PROFESSIONAL EXPERIENCE

Full Stack Software Engineer   **April 2021 – Present**
Honda Racing Corporation   *Santa,Clarita, CA*
- Developed and implemented a real-time data streaming solution using Kafka, drastically reducing data analysis time from days to seconds
- Designed and developed an Angular application that seamlessly connects to CosmosDB and MsSQL, streamlining a previously convoluted process requiring 3 months of training
- Integrated dynamic data visualization charts using Plotly.js and D3.js, enabling teams to make critical decisions on the spot during races, leading to more informed strategies and improved race performance
- Actively participated in the testing phase and contributed to documentation efforts, while also writing GitHub workflows for seamless deployment on Azure for teams and internal engineers to access

Software Developer   **August 2020 – November 2020**
Formosi   *Torrance, CA*
- Drafted requirements analysis documents and ensured that applications created during the development cycle adhered to defined user specifications
- Created REST API using Node.js and Express.js to fetch video metadata from YouTube API and store in MongoDB
- Consumed both third party API and custom API in Typescript to query and display over 500 videos amongst 24 categories
- Conducted exploratory testing to identify bugs and evaluate functionality of application

Full Stack Web Developer   **June 2018 – August 2018**
Pulse Technology and Design, LLC   *Irvine, CA*
- Built client websites using the PHP MVC framework Laravel on the back-end, and HTML, CSS, and JavaScript on the front-end
- Referenced code base to troubleshoot applications and their AJAX functions
- Designed relational databases and implemented them using PHP schema and MySQL

EDUCATION

California State University, Long Beach   **May 2019**
Bachelor of Science, Computer Science   *Long Beach, CA*

TECHNICAL SKILLS

Software Development: Github, Azure
Databases: CosmosDb, Kafka through Confluent, MySQL, MsSQL, MongoDB
Programming Languages: Typescript/Javascript, Python, Java,
Technologies and Frameworks: Angular 15, NodeJS, ExpressJS
Testing: Karma, Jasmine, Jest
Operating Systems: Linux/Unix, Windows