

Ravi Kumar Shah | Software Engineer

Diamond bar, CA 91765 | +1 559-892-3957 | info@ravikumarshah.com |
<https://ravikumarshah.com/> | <https://www.linkedin.com/in/ravikumarshah0075/>

Innovative Software Engineer with over 3 years experience in back-end and front-end development, mobile applications and embedded systems. Adept in bringing forth expertise in design, development, testing, deployment and maintenance of software systems. Proficient in Spring Boot, React, C++ with good background of DevOps best practices.

- *Full stack developer*
- *Embedded Systems*
- *Cloud and DevOps*
- *Test Driven Development*
- *Spring Professional*

TECHNICAL PROFICIENCIES

Spring Boot | Nodejs | React | React Native | Machine Learning | Azure Cloud | MySQL | Docker | Jenkins
Linux | Signal Processing | FreeRTOS | Arduino | SQL | CSS | C / C++ | JAVA | JavaScript | Python

PROFESSIONAL EXPERIENCE

Software Engineer | BestPack Packaging Systems, Ontario, California

Mar. 2020 to Present

- Utilized Spring Boot, React, MySQL, and docker to design a warehouse management system for handling inventory of more than 25K machines and parts, coordinating incoming orders from customers, and allowing integration with SAP B1.
- Created a cloud-based REST API application for a customer portal to facilitate users in entering and viewing orders, invoices, and payment details through deploying Azure functions (Nodejs) and API Management tool.
- Upgraded machine automation software to gather data and enhance performance by utilizing embedded platforms, such as FreeRTOS and ESP32 MCU: facilitated remote functions and collected data to show preventive analysis.

Key Achievement: Improved business process efficiency by 40% and secured significant profits by leading the development of warehouse management applications to automate order processing and interact with multiple vendors.

Software Developer | Lyles Center for Innovation and Entrepreneurship, Fresno

Mar. 2019– Dec. 2019

- Managed a cross-functional team of eight students responsible for creating a robot prototype with different features, including self-navigation, localization, image recognition, and object identification.
- Developed Amazon Alexa skills to support University applicants during California State University Admissions campaign through quickly responding to general questions regarding the admission process.

Key Achievement: Utilized Machine Learning and AI to automate simple tasks and simplify the process of University Admissions for thousands of incoming students.

EDUCATIONAL BACKGROUND

Bachelor of Science in Computer Engineering, 2019

California State University, Fresno

Spring Certified Professional, In-progress