

Kevin Paras

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Work Experience

Software Engineer, Digital Products *Tesla Motors*

Feb 2022 - May 2024

Designed and managed a **Java/Spring** application for Tesla Powerwall, enabling real-time tracking of customer construction projects from order to operation.

- Engineered a high-performance system capable of processing thousands of customer orders per minute.
- Orchestrated multiple **REST API** calls to communicate with other microservices.
- Leveraged **MySQL** for efficient data storage and retrieval.
- Used **Kafka** for reliable message publishing and subscription.
- Enabled internal teams to easily track customers orders, improving operational visibility.
- Optimized delivery and operation timelines by 40%, significantly enhancing customer experience.

Developed and maintained a **.NET** application to facilitate data exchange with partner companies for customer projects.

- Designed a scalable system handling the transmission of thousands of customer projects daily.
- Implemented **RabbitMQ** for efficient message queuing and asynchronous processing.
- Utilized **GraphQL** to optimize data retrieval and improve query performance.

Implemented real-time monitoring and alerting with **Splunk**, enabling immediate bug detection and system updates, which improved application availability, enhanced data accuracy and redundancy.

Jr Software Engineer, Digital Products *Tesla Motors*

Dec 2020 - Feb 2022

Built and tested application automation workflows using **python**, **selenium web driver** and **robotic process automation** (RPA).

Built and maintained **SQL** reports for the business to support automations.

Skills

Languages: C#, Python, Java, Javascript, C, HTML, CSS

Databases: MySQL, PostgreSQL, MongoDB, Dynamo, S3

Technologies: Docker, Kubernetes, Grafana, Jenkins, RabbitMQ, Kafka, Redis, Selenium, Camunda, Splunk

Education

Business Administration AA

University Of Arizona Global Campus

Aug 2013 - Dec 2016

6 Month Immersive Software Development Program

Thinkful/Viking Code School

Jan 2019 - Jul 2019

Projects

Pokebin Ecommerce App (<https://pokebin.app>)

An ecommerce app that sells high end trading card collectibles and figures.

Technologies used: Python, Django, AWS, Postgres, S3