

Sankalp Heranjal

Software Engineer

<https://www.linkedin.com/in/hsankalp>

<https://hsankalp.github.io/portfolio>

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EXPERIENCE

Frontend Engineer | Vroom, Detroit MI

AUG 2020 – Present

- Create new features, functionality and capabilities on the Vroom ecommerce app (Product, Catalog, Homepage, Checkout) using Javascript, React, Typescript, MobX and NextJS.
- Develop efficient and reusable UI components within our Design System using Storybook.
- Develop applications using a micro frontend architecture.
- Perform bug fixes and code reviews.
- Collaborate with designers to ensure designs are efficient and technically sound.

Fullstack Engineer | Ford Autonomous Vehicles, Detroit, MI

SEPT 2019 – AUG 2020

- Design and develop cloud based serverless functions using AWS lambda, API Gateway, SQS, SNS and DynamoDB.
- Develop User facing Single Page Application to run Autonomous Vehicles Simulations using Javascript, React, Material UI and Mapbox (for maps).
- Convert class-based components into functional components with React Hooks.
- Evaluate performance of lambda functions using Java and Node on the backend.
- Mentor new software engineers, review code and enforce coding standards

Fullstack Engineer | Ford Motor Company, Detroit, MI

MAR 2017 – SEPT 2019

- Design and develop microservice based applications using Java, Spring Boot and Pivotal Cloud Foundry.
- Handle synchronous as well as asynchronous communication between microservices using Rest APIs and RabbitMQ messaging.
- Perform Pair Programming and Test-Driven Development (TDD).
- Setup automated workflows for Continuous Integration and Delivery using Concourse.
- Create monitoring dashboard to monitor the subscriptions, messaging queues, health of services and errors using Javascript, React and Bootstrap.

System Analyst Intern | Stanford University, Palo Alto CA

AUG 2016 – MAR 2017

- Support and enhancement of the Procure-to-Pay EBS application that manages Stanford supplies using Java and PL/SQL

EDUCATION

Master of Science | Computer Science

2014 - 2016

Illinois Institute of Technology, College of Science, Chicago IL

Bachelor of Engineering | Information Science and Engineering

2009 – 2013

Visvesvaraya Technological University, India

SKILLS

Programming Languages

JavaScript ES6,
TypeScript,
Java

Web Development

HTML,
CSS,
React,
React Hooks,
Next,
Styled Components,
Sass

Testing:

Jest,
React Testing Library,
Storybook

State Management:

Context API,
MobX

Component Library:

Material UI,
Chakra UI

Cloud Platforms

Pivotal Cloud Foundry,
Amazon Web Services

CI/CD

Concourse,
Jenkins,
Circle

Version Control

Git

AWARDS/ CERTIFICATIONS

Pivotal Cloud Foundry Developer

2018

Issued by Pivotal Software, Inc.

Best Business Case

2019

Awarded at Ford Resiliency Hackathon