

Vikash Deo

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GitHub: [vkd225](#)

<https://vkd225.github.io/>

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript

Web Technologies: Python Flask, Node JS, React, Redux, React Native, Angular 2, Invision, Material UI

Databases: SQL, MySQL, PostgreSQL, SQLite, InfluxDB, MongoDB

Tools Used: Terraform, AWS, GCP, Jenkins, Docker, GitHub

INDUSTRIAL EXPERIENCE

Full Stack Developer, Strong Arm Technologies

Dec 2017 – Present

- Developing the front end for dashboard and tablet (smart Dock) of the FUSE product. [DEMO](#)
- Architecting and implementing client facing REST APIs to serve processed data.
- Integrate tools like UXCam, Sentry to the react native/ android app and find actionable insights.
- Manage infrastructure with Terraform / Vault and deploy the build services in the AWS infrastructure.

React, React Native, Angular 2, Python, Node JS, AWS, MySQL, Terraform, Git, PubNub, Jenkins, Invision

Software Engineer, Tricon Infotech LLC

Feb 2017 – Nov 2017

- Developed microservices based architecture platform which creates structure for documents like newsletter, employee onboarding documents etc. using React JS and Node JS.
- Built and maintained infrastructure to handle continuous deployment for offsite software developers.

React JS, MobX, Express JS, Python, AWS, MongoDB, Git

Research & Development Intern, Intersection Co.

Jun 2016 – Dec 2016

- Created an SMS based chatbot to help visitors find their way around the new Hudson Yards neighborhoods in NYC.
- Worked on grocery items identification and localization in a shopping cart for Walmart to reduce checkout time and eliminate human assistance using AdaBoost algorithm.

OpenCV, Python NLTK, TensorFlow, GCP, Twilio

INDUSTRIAL PROJECTS

External client facing platform and dashboards: StrongArm Technologies

Present

Built an athlete roster management platform for clients to manage their roster using microservice architecture. [DEMO](#)
Created and deployed a dashboard for client onboarding and for potential clients and investors to showcase proactive insights and real time feedback to improve engagement of industrial athletes - [DEMO](#)

Tools Used: React, Redux, Angular 2, Typescript, Highchart JS, Python, AWS

On Dock engagement for Industrial Athletes, StrongArm Technologies

Mar 2018 – Current

Front-end and Back-end services for Industrial Athletes to engage with the smart Dock to use FUSE Risk management platform. Helps them to understand and increase knowledge on how to be safe in working environment.

Tools Used: React Native, Python, React JS, Typescript, Android, UXCam

Infrastructure as a Code and CI/CD Pipeline: StrongArm Technologies

May 2019 - Current

Write terraform code to create, deploy & destroy AWS infrastructure and also build Jenkins Pipeline.

Tools Used: Python, Terraform, Vault, Docker, Jenkins, Github

Gamify Real Time Safety Score for Client Bootcamps: StrongArm Technologies

Feb 2019 - May 2019

Gamify how athletes lift and gave real-time Safety Score for players. Developed a leaderboard to show top 20 players.

Tools Used: React JS, React Native, Typescript, MySQL, PubNub, Python - LINK

Alexa Skill to give Company Information, Tricon Infotech LLC - [DEMO](#)

Jun 2017 – Jul 2017

Built an Alexa skill for a hackathon with intents and utterances to act as a receptionist. First prize winner.

Tools Used: Python FlaskAsk, ngrok, React JS, Twilio API

EDUCATION

New York University, New York, NY

Dec 2016

M.S. in Computer Engineering

- Analyzed the factors deciding tip of passengers for NYC yellow cab drivers for the year 2014 and visualized the data on Mapbox JS. **AWS, MapReduce, D3 JS, Mapbox JS**