Vikash Deo

vkd225@nyu.edu | (347-545-6457)

GitHub: vkd225
https://vkd225.github.io/

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, R, HTML, CSS
Web Technologies: Python (Flask), Node JS, React, Redux, React Native, Angular 2, Invision, Material UI
Databases: SQL, MySQL, PostgreSQL, SQLite, MongoDB, InfluxDB
Tools Used: Terraform, Python Pandas, AWS, GCP, Jenkins, Docker, GitHub

INDUSTRIAL EXPERIENCE

Full Stack Developer, Strong Arm Technologies   **Dec 17 – Present**
- Developing the front end for dashboard and tablet (smart Dock) of the FUSE product.
- Architecting and implementing client facing REST APIs to serve processed data.
- Integrate tools like UXCam, Crashlytics 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 17 – Nov 17**
- 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 16 – Dec 16**
- Created an SMS based chatbot to help visitors find their way around the new Hudson Yards neighborhoods in NYC.
- Worked on grocery item 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

On Dock engagement for Industrial Athletes, StrongArm Technologies   **Mar 18 – Present**
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 on working environment.
Tools Used: React Native, Redux, Python, React JS, Typescript, Android, UXCam, Rules Engine

Infrastructure as a Code and CI/CD Pipeline: StrongArm Technologies   **May 19 - Present**
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 19 - May 19**
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, Redux, Typescript, MySQL, PubNub, Python

External client facing dashboard: Demo Link, StrongArm Technologies   **Feb 18 – May 18**
Created a dashboard for clients which provides proactive insights on how safe their workers in are real-time and can deliver that feedback directly to Industrial Athletes to improve compliance.
Tools Used: Angular 2, Typescript, Highchart JS, Python

Alexa Skill to give company Information, Tricon Infotech LLC   **Jun 17 – Jul 17**
Built an Alexa skill for a hackathon with multiple intents and utterances to give out the company's information. Also, integrated it with company's website. 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 at the factors deciding tip of passengers for NYC yellow cab drivers of the year 2014 and visualized the data on Mapbox JS. **AWS, MapReduce, D3 JS, Mapbox JS**