

MAYURESH NARENDRA WAYKOLE

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EDUCATION

Carnegie Mellon University, SCS
MS Information Technology-eBusiness technology

Pittsburgh, PA
Grad: August 2018

VIT University
B.Tech Computer Science and Engineering

Vellore, India
Grad: May 2016

EXPERIENCE

McKinsey & Company
Junior Digital Analyst

Bangalore, India
July 2016 — July 2017

McKinsey & Company
Intern

Bangalore, India
Jan 2016 — June 2016

Butterfly Innovations
Intern

Bangalore, India
Dec 2014 — Jan 2015

SKILLS

Java, JavaScript, NodeJs, Python, C++, Docker, Git, AWS, MySQL, J2EE, Redis

COURSEWORK

Masters : Web development in Java, Software Design, Cloud Computing(ongoing)

Undergrad: Algorithms, Data Structures, Operating Systems, Databases

PROJECTS

Analytics for Consumer Decision Journeys(CDJ) NodeJS

- Wrote the complete ETL process of moving to data from excel, changing data format and load to database. Usually more than a million rows per dataset
- Wrote a major part of the server side code for the multi tenant application including user and tenant management, file uploads
- Saved 1 week of manual effort per dataset

Cloud Migration and support for CDJ AWS, Docker

- Migrated a monolithic application to cloud single-handedly
- Setup CI pipeline, moved uploads to S3, moved the complete ETL process to a separate service, setup persistent sessions on redis, moved the application to docker containers and handled all production issues with cloud

Detect images of food AWS S3, EC2, SNS, RDS, Lambda, Python, Javascript, HTML, CSS

- Ranked healthiness of food based on general calorific count vs daily requirement
- Scored a user based on these images. Used weighted continuous summation.
- Showed user scores on a dashboard.

ScaleChange NodeJs - Ongoing

A learning initiative to understand architecture changes for a login service as it scales from a 100 users to a million and more. Eventually implemented authentication and authorization using JWT to support stateless sessions and eventual scaling.

PyServe Python (sockets)

A multi threaded WSGI compliant server to run standard python applications, currently can run django and flask applications.