SAAKETH CHAGANTY

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https://saakethtypes.github.io/

EDUCATION

Mahindra University
Aug 2017 – April 2021

B. Tech. Mechanical Engineering
Hyderabad, India

- GPA: 2.62/4

Altitude Classes
April 2015 – March 2017

High School Maths, Physics and Chemistry
Hyderabad, India

- GPA: 7.5/10

WORK EXPERIENCE

Moving
May 2021 – Present

Lead Backend Engineer
Delhi, India

- Moving is a start up focused on socializing crypto trading and providing curated content on the latest updates with the crypto market. I am solely responsible for the app's backend logic and API creations.
- While I was the backend lead, the app surged over 25,000+ downloads overnight and scaled efficiently.
- Architected and developed highly scalable APIs on AWS Lambda and DynamoDB to build social elements such as posting, commenting and viewing profiles.

OTSI
March 2021 – April 2021

Data Science Intern
Hyderabad, India

- Learnt professional machine learning and deep learning lifecycles to build end to end scalable AI products.
- Built and deployed an object detection model to extract text from automobile tires using PyTorch and Flask.
- Developed a face recognition model using Haar Cascades and OpenCV2

UrbanKisaan
August 2020 – October 2020

AI Intern
Hyderabad, India

- Built an object detection model to detect ripened tomatoes from images captured by a rover roaming in the physical farm.
- Delivered an end to end product on getting the harvestable produce in tons and dynamically offer discounts on the website.
- The results got featured on a presentation at TechCrunch.

SKILLS

- Programming Languages: Python, JavaScript, C
- Languages: English, Hindi, Telugu, Tulu
- Frameworks & Libraries: React JS, AWS Lambda, DynamoDB, MongoDB, NodeJS, Flask, Scikit Learn, PyTorch, Pandas

PROJECTS

Elywalls NodeJS, MongoDB, Express   https://github.com/saakethtypes/Elywalls
Built a Full stack E-commerce marketplace for artists to sell their works using MERN stack.

Pandas, Python, Scikit Learn

WSN Optimization C++, Threading, Python, MatlPlotLib
Finding optimizations in transmission of data in highly connected Wireless Sensor Networks across multiple nodes using parallel processing. Implemented mathematical concepts such as Triangular inequality in simulated environments to study locally connected data.