



BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

To work and learn in a dynamic environment, polish technical as well as non-technical skills. Solve persisting real-world problems by exploiting the astonishing advancements in technology.

KEY EXPERTISE / SKILLS

Flask Java Python Machine Learning Deep Learning Data Mining C C++ OOPs OS AWS Spring Boot IOT

EDUCATION

Nirma University	2016 - 2020
B.Tech - Computer Science and Engineering CGPA: 9.17 / 10.00	
12 th CBSE Percentage: 96.00 / 100.00	2016
10 th CBSE Percentage: 93.10 / 100.00	2014

AWARDS AND SCHOLARSHIPS

- Merit based Scholarship at Nirma University. Rs. 1,00,000/- per annum

INTERNSHIPS

Tata Consultancy Services	May 30, 2019 - July 15, 2019
Key Skills: Angular Spring API Testing AWS	
Full Stack Development for a semi automated API testing tool named API Scoreboard. Deployed the application on AWS using services Elastic Beanstalk, RDS, S3 and EC2.	
Inferenz.ai	May 21, 2019 - July 10, 2019
Key Skills: Image Processing Machine Learning Research Deep Learning Python	
Worked on a POC for implementing Virtual Reality using Generative Adversarial Networks.	
Blecan Innovations Pvt. Ltd.	Sept. 10, 2018 - Nov. 10, 2018
Key Skills: Python API Database AWS	
Worked as a part of backend infrastructure development using Python Flask, exploring various services like DynamoDB, S3 and Lambda on AWS Service Suite.	

PROJECTS

Wireless Data Monitoring	July 15, 2019 - Aug. 15, 2019
Team Size: 2	
Key Skills: Mqtt IoT Python Arduino C	
Critical real time data monitored at railway stations spread across large area was communicated to a windows based software in real time. A log file with latest 'n' entries was also maintained.	
Recommender System using product reviews	Jan. 2, 2019 - April 26, 2019
Mentor: Ms. Jitali Patel Team Size: 2	
Key Skills: NLP Python Collaborative Filtering	
A hybrid approach i.e. content based and collaborative filtering based recommender system was built using movie reviews.	
Count Virtual	Feb. 1, 2019 - March 1, 2019
Team Size: 4	
Key Skills: OpenCV Image Processing Face Recognition Socket Programming	
Count virtual a smart video-based attendance system: OpenCV, face recognition, socket programming and python flask.	

Live Image Editing

Jan. 1, 2018 - April 27, 2018

Mentor: Ms. Pooja Shah | Team Size: 2

Key Skills: Java Opencv

ACHIEVEMENTS

- Second runners up at the Start-Up Weekend, powered by Google, held at Ahmedabad for making a sustainable business plan for the project 'Fuel Intel' (2016).
- Shortlisted for the event, 'Innovation Playground' as a part of the 'Red Brick Summit' held at IIM Ahmedabad, wherein recognized as a social innovator for the project 'Fuel Intel' (2017).
- Runners up at Hack-NU-Thon, 2019. Developed a fully working prototype for a smart video- based attendance system, using face recognition in 36 hours.

ASSESSMENTS / CERTIFICATIONS

Programming for Everybody (Getting Started with Python)

Aggregate: 95.0 / 100.0

Key Skills: Python

Python Data Structures

Aggregate: 100.0 / 100.0

Key Skills: Data Structures Python

Using Python to Access Web Data

Aggregate: 98.6 / 100.0

Key Skills: Web Scraping Python

Using Databases with Python

Aggregate: 96.1 / 100.0

Key Skills: Python Databases

Data Structures and Algorithms

Aggregate: 74.0 / 100.0

Key Skills: Data Structures Algorithms

PERSONAL INTERESTS / HOBBIES

- Badminton
- Reading
- Painting and Doodling

WEB LINKS

- LinkedIn - <https://in.linkedin.com/in/jayraj-mulani-33b384127>
- Github - <https://github.com/jayrajmulani>