

VRAJ KOTWALA

Software Engineer

iamkotwala@gmail.com | 9879192084 | Vadodara | Mumbai

GitHub | LinkedIn | Blog | HackerRank

EDUCATION

Mumbai University, Jai Hindi College

Mumbai

Big Data, Data Science (ML, Stats, Cloud, EDA, Bioinformatics, Econometrics)

2020 - 2022

CGPA: 9.54

Maharaja Sayajirao University of Baroda

Vadodara

Computer Applications, Bachelors

2017 - 2020

CGPA: 8.27

EXPERIENCE

Tata Consultancy Services | System Engineer

Mumbai | Sept 2022 - Sept 2023

(Cloud Support Specialist) | Collaborating with Reynolds Consumer Products, USA

Dedicated Cloud Infrastructure Specialist collaborating closely with RCP (Client) to deliver exceptional IT solutions.

- Proficient in cloud infrastructure. Seamless client experience in cloud and on-premise workstations/servers.
- Virtual desktops with AppStream and AWS workspaces as an EUC service.
- PowerShell scripting for automation and NexThink Collector for proactive system insights, monitoring and running campaigns.
- SCCM for efficient patch deployment, software distribution and compliance.
- Analyzing & resolving incoming incidents/ tickets, optimizing Azure Active Directory, AD Admin Center.
- Managing CV31, CK65, Android devices via ivanti Avalanche & Microsoft Intune.

Tata Consultancy Services | System Engineer Intern

Mumbai | Mar 2022 - Jul 2022

System Engineer Intern (ML, AWS Cloud) | **Advisors: Ramesh Srinivasan**

Developed a game in python, OpenCV and deployed it on AWS, using Django server.

Rishabh Software | Intern

Vadodara | Jan 2020 - Jun 2020

Software Developer Intern (ML, Data Analysis) | **Advisors: Dr. Falguni Ranadive, Gagan Dubey.**

Developed an Emotion Recognition system with Convolutional Neural Networks using Tensorflow 2 and OpenCV.

SKILLS

Programming Languages: Python, JS, SQL

Libraries/Frameworks: Django, Servlets

Tools / Platforms: Git, AWS, Tableau, MS Excel, Azure, Canva, MS Office

Databases: MySQL, MongoDB

PROJECTS / OPEN-SOURCE

Comparing Deterministic vs Probabilistic Classifiers | Link

python, Numpy, Pandas

- To compare which algorithm is better for classification. Naive Bayes (probabilistic) & Support Vector Machines (deterministic)

Emotion Recognition with Convolutional Neural Networks | Link Python, TensorFlow, Tkinter, JS, NumPy, Keras, OpenCV2

- The software can detect 7 different emotions (Angry, Sad, Happy, Disgusted, Fearful, Neutral and Surprised) with accuracy of 63%

Biometric Attendance System on RaspberryPi | Attendance Report Generation in Java Servlets webAPI | Link Python, Raspberry, Java, ServerSide Servlet WebAPI, JS, Ajax, PHP, MySQL, HTML

- Fingerprint Attendance Management System. Made with Python2 and RaspberryPi Zero.

CERTIFICATIONS

- NISM: Research Analyst Certification Examination (Jun 2024) - SEBI established National Institute of Stock Markets.
- AWS Cloud Practitioner CLF-C02 (Jan 2024) - **Amazon Web Services**

HONORS & AWARDS

- Statement of Originality & Project Completion for Biometric Attendance System