Rahul Gaikwad

Third Year B.E. Student
Information Technology
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Academic Details

Year	Degree	Institute	Percentage/CGPA
2019-Present	B.E. in Information Technology	Xavier Institute of Engineering, Mumbai	CGPA = 9.15/10
2019	Class XII HSC	Sathaye College, Vileparle,Mumbai	**77.8%** in Boards **93.40%** in MH-CET
2017	Class X SSC	Bal Vikas Vidya Mandir, Jogeshwari Mumbai	**92.8%** 98% in Mathematics

Objective

To pursue graduate studies in computer science and engineering, leading to a career in research. I am interested in machine learning and web development.

Work experiences

- **Fullstack Mobile App developer Intern(Bright Infonet)**
  Intern in flutter *duration- 1 month*
  I was intern at Bright Infonet, with flutter as domain and working on one live project. In this position some tasks/bugs were assigned to me for fix it. Sometimes tasks were to build responsive UI screen from Figma design which is created by UI/UX team.

Major Projects

- **One point Student verification (Smart India Hackathon)** Hackathon
  flutter app with rest api and twilio *working*
  We satisfying requirement of a single mobile application which uses modern technology to store students biometric details and college details to help in effective tracking for job alerts, fellowships, schemes. The working model provide integration between National Academic Depositary, Digital Locker & Instant Aadhaar (Aadhaar Portal). This App provide the link between Aadhaar Number & Roll Number and the students should update the data of "Aadhaar Number" along with "Roll Number" on National Academic Depositary (It is like Linking roll. no. with Aadhaar No.). This will help in Verification of AICTE Approved Institutes, Verification of Students and Message service for students like job alert etc."
  Source: not to publish yet
  References: not to publish yet

- **Abstractive text Summarization** Prof. Chaya Dhavle
  text summarization using ML and NLP *working*
  We solve the abstractive text summarization problem by creating RNN(recurrent neural networks) model using t5(text to text transformer) encoder-decoder model. In the training phase, we will first set up the encoder and decoder. We will then train the model to predict the target sequence offset by one timestep. After training, the model is tested on new source sequences for which the target sequence is unknown. So, we need to set up the inference architecture to decode a test sequence. After successfully testing we integrate model with react and flask server as service purpose.
  Source: https://github.com/VVB2/ai-ds.git
  References: https://github.com/VVB2/ai-ds.git

Projects

- **Catalog App** self-learned
  flutter frontend app *December 2020*
  It is a flutter app consist of normal cart where the products are mapped in flutter app from json data, and some features like Add to cart and dark theme. Aim to create attractive UI. The app made with reference course https://youtu.be/j-LOab_PzzU
  Source: https://github.com/201903011/learn_flutter.git
  References:
  https://drive.google.com/drive/folders/10b6t8vwduMRsbOIdcPn13ebWRLuf2z4g?usp=sharing

- **React-Native Front End App** self-learned
  react-native frontend app
  It is a react native app which have login authentication and inside top navigation bar with consist home, about, upload and profile feature with good user interface and created by react-native
  Source: https://github.com/201903011/grapetown.git
  References:
  https://drive.google.com/drive/folders/10b6t8vwduMRsbOIdcPn13ebWRLuf2z4g?usp=sharing

- **Distance Api for IOT Projects** self-learned
  flask api embeded with raspberry pi
  It measures the distance from device to object/obstacles by Ultrasonic sensor using GPIO module using python in raspberry pi3. The output is shown by flask api through localhost and we can see output through any devices from your lan network. We can used this api wherever we need to required measure distance in any IOT projects.
  Source: https://github.com/201903011/distance_api.git

- **Campaign Creator** Prof. Martina D'Souza
  Web application using nodejs and express *June 2020- August 2020*
  It is a website in which we can create a campaign and join campaign, where other users can join and campaign creator can manage campaign. I use expressjs to create server and handle the request and use mongodb for database and handlebars for rendering the pages. jasonwebtoken is used for starting session.
  Source: https://github.com/201903011/Campign-Creator.git
  References: https://drive.google.com/drive/folders/1EwvAXVu2f9RGqgZUc4PaGbqbjkP-AOHK?usp=sharing

- **Classroom Management** Prof. Stella Joseph
  Python PYQT5 desktop application *January 2021- May 2021*
  It is a desktop application in which we create account and then we can join classes where teacher can give assignments and we submit and it uploaded to database in binary format. I Used QTdesigner to create attractive Frontend and handles data with python , SQL. Also we send the notifications via emails using smtplib packages in python. And create .executable files after some testing using pyinstaller.
  Source:
  References:https://drive.google.com/drive/folders/1qUdT6veTqvjp8mgyHtRXMww7SellbO1k?usp=sharing

- **Career Guidance** Prof. Jaychand Upadhyay
  Java maven project with sql Connectivity *August 2020*
  I made a java maven application which have login and registration part. I provide email verification via OTP achieved by java activation email library. After Login I provide a test which can predict the steam and interest of user. And there is result part and there is guidance text for all streams. I use SQL and RDBMS for making database and reducing data redundancy and use triggers for creating result.
  Source: https://github.com/201903011/mini.git
  References:https://drive.google.com/drive/folders/1qUdT6veTqvjp8mgyHtRXMww7SellbO1k?usp=sharing

Skills

- **Programming Languages:** Java, C/C++,Dart, Python, PHP, MySQL,JavaScript
- **Software Packages:** Flutter, NodeJS, React, React-native, Express, OpenCV
- **Platforms**: Linux and Windows.

Scholastic Achievements

- 4th and 7th standard **scholarship** with score **264**(4th standard), **216**(7th standard) out of 300
- **Silver medal** in Dr. Homibhabha BalVaidnyanik competition in 9th standard host by **Mumbai Science Teacher's Association (MSTA)**.

Conferences/Workshops Attended

- **Java Workshop** with project
  Organization: Xavier Institute of Engineering Prof: Kunal Meher
- **Ethical Hacking** Course -using Kali Linux
  Organization: Xavier Institute of Engineering Prof: Saurabh Patil
- **Python Workshop** with project
  Organization: Xavier Institute of Engineering Prof: Dr. Vijay Katkar
- **Image Processing** with project
  Organization: Xavier Institute of Engineering Prof: Chaya Narvekar

Extra Curricular Activities

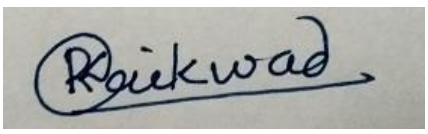
- **Programming Contests:** Actively participate in online programming contests(OPC) and have won the following awards.
  1) XIE GPAT(Geek Placement Assessment Test) held rank 1 with 355 points
     https://practice.geeksforgeeks.org/contest/xie-gpat-test2353/leaderboard/
  2) Successfully participate in Geeky Grinders competition

- **Certification :**
  1) Problem Solving Basic https://www.hackerrank.com/certificates/0426e83d943d
  2) Python Basics https://www.hackerrank.com/certificates/f8e92298977d
  3) JAVA Basics https://www.hackerrank.com/certificates/2b6abec44f5c
  4) JavaScipt Basics https://www.hackerrank.com/certificates/1bc42400161b
  5) SQL Basics https://www.hackerrank.com/certificates/8818a64d5f07
  6) SQL Intermediate https://www.hackerrank.com/certificates/3bcee4e62e40

- **Publication**:
  1) **Olympics Data Analysis Using Python**
     In this article, I am going to see the Olympics analysis using Python.
  Source: https://www.geeksforgeeks.org/olympics-data-analysis-using-python/

Declaration

I hereby declare that above mentioned information are proofread, refined, perfect and best of my knowledge



Signature: (Rahul Kishor Gaikwad)