



Abhilash Rath
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EXAMINATION	University	Institute	Year	CPI / %
Graduation	RGPT	Rajiv Gandhi Institute of Petroleum Technology	2019	7.64*
Intermediate/+2	CBSE	Atomic Energy Central School No-4	2017	88.6
Matriculation	CBSE	Atomic Energy Central School No-2	2015	90.6

*Till 5th Semester

INTERNSHIP

Android Developer , BindSocial

May'19 – July' 19

- Designed the UI and coded the chat feature of BindSocial's App which included notifications, and profile viewing options. Used Firebase Realtime Database, Firebase Cloud Messaging.
- Integration of Facebook's, Google's and Spotify's APIs to the android app managing the flow of user's data. Implemented HashMap to store and retrieve data from firebase increasing the efficiency of the program.
- Improved the UX of few of the features by using external dependencies.
- Worked on Big Data projects which included data aggregation and exploratory analysis using libraries; pandas, matplotlib, bokeh, and pymongo of Python, implementing MongoDB queries using python.
- Worked on a web-scraping project in Python to perform textual analysis using BeautifulSoup.

PROJECTS

Image Sentiment Retriever:

- An android application using which the user can retrieve the sentiments of all the text in an Image in audio and visual format.
- Programmed in Java and Python using Android Studio, Tensorflow, and Firebase ML-kit.

Attendance System for Institute:

- Mentored and assisted a team in developing Attendance marking apps wherein attendance is marked based on synced OTP response.
- Programmed in Java, Android Studio and Firebase Realtime Db as server.

Inhibition in Natural Gas Pipeline:

- Calculates the Inhibition required in a Natural Gas Pipeline based on input data.
- Programmed in Python.

Winter School 2k19 Android Application:

- Android Application describing the events and proceedings of Winter School 2019.
- Programmed in Java, Android Studio and Firebase Cloud Firestore as server.

Find all my projects here: <https://github.com/AbhilashRath>

TECHNICAL SKILLS

- Software Skills: AutoCAD, ANSYS Mechanical, ANSYS Fluent, Microsoft Excel, Mathematica
- Programming Languages: Python, C, Java, NodeJS
- Database: MySQL, Google Firebase, MongoDB
- Area Of Interest: Data Visualization, Machine Learning, Android Application Development, Datastructures and Algorithms.

AWARDS AND ACHIEVEMENTS

- Qualified Jee Advanced 2017 with a position amongst top 8% of students who appeared.
- Winner of two Data Hackathons conducted by Kode Club, RGPT.
- Developed the Android Application for Winter School 2019 which is published on Playstore with a rating of five stars from 100 plus users.