



Roheet Narayanan Rajendran

STUDENT

Details

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DATE OF BIRTH

04-10-1997

NATIONALITY

Indian

Links

[Github](#)

[Linkedin](#)

[Portfolio](#)

Technical Skills

Python

Java

Tableau

SQL

Agile and Scrum

Data Visualization

Git

Profile

A developer with a strong capacity for learning along with good programming and analytical skills. Have experience of handling over 6 enterprise applications.

Education

B.E Computer Science and Engineering, Anna University, India

JULY 2015 — MAY 2019

Grade: 1.9

M.Sc. Data and Knowledge Engineering, Otto-von-Guericke Universität, Magdeburg

APRIL 2021 — PRESENT

Grade – 1.6

Employment History

Assistant Systems Engineer at Tata Consultancy Services Ltd, India

JUNE 2019 — JANUARY 2021

- As an Application Developer, incorporated decision logic in marketing systems, and developed interfaces and reports using java and pega.
- Wrote efficient and reusable code.
- Brought forth vast experience working with relational databases and SQL.
- Performance Optimization and load balancing.
- Efficiently deployed product files using an automated CI/CD pipeline.
- Automated and implemented improvement opportunities as part of delivering minimum viable products. (Python Scripting)

HIGHLIGHTS

Proposed an optimized solution for a new cross functional business requirement with no additional needs of memory which increased customer engagement by almost 30%. (VodafoneZiggo - Netherlands)

Internship

The Seven Tech Labs, India

DECEMBER 2017

- Developed web applications using Python(Flask), Java script and HTML.
- Acquired knowledge about AWS Server Management.

Projects

Prediction of Loan Defaulters

Lending Club Connects investors with borrowers and vice versa. Publicly available data is used to classify whether the borrower has paid back their loan in full. Hopefully, as an investor you would want to invest in people who shows a profile of having a high probability of paying you back.

Tools used: Python, Random Forest

Management Skills

Organizational Skills

Capability of Strategizing
Tasks

Languages

English

German

Prediction of Taxi Demand Using Recurrent Neural Networks (Part of Bachelor's Project Work)

The main intent of this project is to manage a fleet of taxis in a crowded area and to serve more customers in a short time by organizing the availability of taxis. Effective taxi dispatching can help both drivers and passengers to minimize the wait-time to find each other.

Tools used: Python, LSTM (Deep Learning)

Spam Classifier

Built a spam classifier using TF IDF in conjunction with Naive Bayes to classify a message into SPAM/HAM. The dataset is part of UCI Repository.

Tools used: Python, Logistic Regression

Food Delivery - Web Application (Only Frontend)

A website that will allow customers to get an idea of what the food company is about, in which cities they operate and the subscription plans they offer. The site is built using HTML, JS and JQuery.

Markowitz Optimization of Stock Portfolio

Out of my curiosity in financial analysis, generated an effective frontier curve to the portfolio consisting of SAP and BMW stocks, to find out the optimal returns.

Note: The Repositories for most of the projects can be found [here](#).

Achievements

- On the Spot Award from TCS.
- Achievement for being part of the best team from TCS.
- Certificate of Merit – Bachelor's program.
- Intermediate Python Programming – Hackerrank.
- Certified Senior System Architect (Pega)

Certifications

- | | |
|--|--------------------|
| • Python for Data Science and AI | COURSERA (07/2019) |
| • Databases and SQL for Data Science with python | COURSERA (08/2019) |
| • Data Analysis with Python | COURSERA (08/2019) |
| • Data Visualization with Python | COURSERA (11/2019) |
| • Statistics for Data Science | UDEMY (01/2020) |

Note: Additional Certifications can be found [here](#).