PERSONAL INFORMATION

Roheet Narayanan Rajendran

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Sex Male | Date of birth 04 October 1997 | Nationality Indian

PROFESSIONAL EXPERIENCE

03.June 2019 – Present

Assistant System Engineer Trainee

Tata Consultancy Services Ltd

Client: Vodafone Hungary

Role: Developer

Responsibilities: Development, Unit Testing, Performance Engineering.

Brief Description:

At TCS, I am a part of Enterprise Application Development Team where my major responsibilities are to incorporate decision logic in marketing system and develop adaptive models to predict customer behavior. Furthermore, Handling Customer data spine using SQL is also part of my role. I am also working on Next Best Action (NBA), a decisioning hub to increase customer satisfaction. I participate in everyday agile project management that includes communication and the amenable reassessment of projects that are carried out in short, reiterative phases of operation.

ACADEMIC PROFILE

	Qualification	Institution	Score/CGPA
August 2015–April 2019	Bachelor of Engineering in Computer Science and Engineering	Rajalakshmi Engineering College, Anna University	**8.48/10**
March 2015	Higher Secondary School Certificate (Class XII)	GRT Mahalakshmi Vidyalaya	**90.91 %**
March 2013	Secondary School Leaving Certificate (Class X)	GRT Mahalakshmi Vidyalaya	**94.60 %**

LANGUAGES

	CEFR Level	Test	Score
English	C1	IELTS	**7.5**
German	A1	Goethe Institut	**78/100**

SKILL SET

Technical Skills

- Python
- Java
- SQL
- Machine learning
- Agile Methodology
- R Programming
- Tableau
- Unix

Management Skills

- Effective Interpersonal skills
- Excellent Organizational Skills
- Capable of Planning and Strategizing Task

PROJECT PROFILE AND INDIVIDUAL ROLE

Real-time prediction of taxi demand using recurrent neural networks

Objectives:

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. This concept is implemented using Long-Short Term Memory (LSTM) which uses GPS information and other relevant parameters such as weather, time and date to predict the taxi demand.

Duration: 4 months

Responsibility: Data pre-processing, Feature engineering and Modeling.

Technologies: Python, Deep learning.

AWARDS AND CERTIFICATIONS

Awards

- Certificate of Merit in Second semester of Bachelor's program.
- Certificate of Merit in Class X Examinations.

Certifications

- Data Science Methodologies and Open Source Tools for Data Science from Coursera.
- Python for Data Science and AI and Databases and SQL for Data Science from Coursera.
- Data Analysis with Python and Data Visualization with Python from Coursera.
- I acquired Certification of completion on "Python for Data Science and Machine Learning Bootcamp" from Udemy.
- Certification of participation in Deep Learning Workshop Conducted by Anna University.
- MFDM AI Aware Certificate from TCS.

ADDITIONAL INFORMATION

Extracurricular Activities

- I was a part of Rotaract club where I engaged with local and international communities.
- I participated in various TechAthon Events.
- I actively participated in personality development classes.
- I also volunteered for Chennai floods in 2015, where I helped flood-affected people.