Rahul Rajan

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PROFESSIONAL SUMMARY

A transitioning machine learning engineer having an experience of 1 year and 8 months in developing Test Automation scripts and ensuring the quality of the software products. Currently a student of Post Graduate Diploma in Artificial Intelligence at CDAC, Noida, India.

EDUCATION

Qualification	School/College	Board/University	Year	Percentage
PG Diploma (Artificial Intelligence)	Centre for Development of Advanced Computing, Noida	CDAC	2020 - Feb 2021	**NA** (ongoing)
B.Tech (CSE)	KCC Institute Of Technology and Management, Greater Noida, U.P.	A.K.T.U., U.P.	2014 - 2018	69.8 %
Class 12	A.S.N. Sr. Sec. School, Mayur Vihar-1, Delhi.	C.B.S.E.	2014	72.7 %
Class 10	Kerala Education Society Secondary School, Mayur Vihar-3, Delhi.	C.B.S.E.	2012	87.4 %

WORK EXPERIENCE

Software Engineer II - Test Automation - *QA InfoTech Software Services Private Limited, Noida Sector 68*
June 2018 - Feb 2020

Projects - Salesforce | Client - Kaplan, Inc., Fort Lauderdale, Florida, USA [July 2019 - Feb 2020]

- Design and build automated test framework and test suites for test cycles.
- Set up Selenium grids on Virtual machines and integrate with Jenkins server.
- Provide feedback to product owners and test leads to improve existing automation approaches.
- Develop, execute and enhance TDD based automation using tools like Selenium, Java and other software test tools.
- Participate in daily scrums and sync up calls with clients and developers to verify and communicate enhancements suggested for the application or issues logged.

Projects - E-Learning Application | Client - Macmillan Learning, New York, USA [June 2018 - July 2019]

- Develop test cases and maintain them regularly, working with product owners, developers and other vendors.
- Identify E2E scenarios and prioritize automation tasks accordingly.
- Hands-on test planning, test development, testing and defect submission and tracking.
- Worked based on Agile methodology and attended different ceremonies like Sprint Planning meeting, Scrum, Backlog Grooming, Sprint Review and Retrospective.

INTERNSHIPS

Software Engineering Virtual Intern - *JPMorgan Chase & Co.*
Aug 2020 - Aug 2020
- Created an interface with a stock price data feed
- Used JPMorgan Chase frameworks and tools
- Display data visually for traders
- Tools used: Python, Typescript, Git

Data Analytics Consulting Virtual Intern - *KPMG, Australia*
May 2020 - May 2020
- Assessment of data quality and completeness in preparation for analysis.
- EDA and Preprocessing the data.
- Creating ML models on the training dataset and after testing, using this to predict the probability of scoring business opportunities from new customers list.
- Using the insights to target high-value customers based on customer demographics and attributes.
- Data Insights and Presentation: Using visualisations to present insights to the client
- Tools used: Python, NumPy, Pandas, Google Sheets, Scikit-Learn, Microsoft PowerBI

Analyst Intern - *PVR Cinemas, DLF Corporate Park, Gurugram, Haryana*

July 2017 - September 2017
- Design and develop Jasper Reports and templates from data retrieved from MySQL database.
- Tools used: Java, Jasper iReport, SQL

PROFESSIONAL SKILLS

- **Programming Languages**: Python, Java, Javascript, R, C/C++
- **Development API/Frameworks**: Numpy, Pandas, Scikit-Learn, Keras, Pytorch, Tensorflow, Selenium, TestNG, Postman.
- **CI-CD**: Jenkins
- Comfortable working in Microsoft Windows and Linux distributions.
- Excellent communication skills with a focus on team-building and product enhancement.

CERTIFICATIONS AND COURSES

- *Machine Learning by Andrew Ng, Stanford University (coursera)*
- *Deep Learning Specialization (5 courses) by Andrew Ng, deeplearning.ai (coursera)*
- *Mathematics for Machine Learning Specialization (3 courses) by Imperial College London (coursera)*
- *Probability Theory, Statistics and Exploratory Data Analysis by Higher School of Economics, National Research University, Russia (coursera)*

VOLUNTEER EXPERIENCE

Indian Red Cross Society, Sansad Marg, Delhi *- Non-Profit Organization*

May 2016 - PRESENT
- Blood donor (specifically for individuals suffering with Thalassemia)

LANGUAGE COMPETENCIES

- **English**: *Full Professional Proficiency (speaking, reading, writing)*
- **Hindi**: *Native/Bilingual Proficiency (speaking, reading, writing)*
- **Malayalam**: *Native/Bilingual Proficiency (speaking, reading, writing)*
- **Tamil**: *Limited working proficiency (speaking)*