

Abhimanyu Agarwala

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Master of Science (M.S) in Data Science

Expected May 2024

Coursework: Applied Machine Learning, Probability

Visvesvaraya Technological University, CMR Institute of Technology, Karnataka, India

Bachelor of Engineering (B.E) in Information Science and Engineering | **GPA:** 7.41/10

October 2020

Coursework: Database Management Systems (SQL) | Core Java | Python | Machine Learning | Data Mining | Data Warehousing | Statistics | Analysis and Design of Algorithm | ETL Process | Big Data

Certification: Machine Learning A-Z™: Hands-On Python & R In Data Science on **Udemy**

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, C, JavaScript, C++, HTML, CSS, XML, PHP, Selenium

Database Management: Oracle SQL, MySQL, PostgreSQL

Software Tools: RTC, Eclipse, WinSCP, SVN, Jupyter, Putty, SOAP UI, PowerPoint, Word, Excel

Web Services: REST API

EXPERIENCE

ITC Infotech, Bengaluru, India, Associate IT Consultant

January 2021 – August 2022

- Prepared test scenarios and conducted manual and automation testing to verify the correct functional behavior of the services using Selenium, Java, and MS Excel and following Agile and Scrum methodology
- Performed testing for end-to-end functionality of credit card and Siebel services
- Communicated with client to understand the requirements and guaranteed all results were shared on time using SQL and MS Excel
- Ensured proper data migration and integration between Samba and National Commercial Bank by working in collaboration with multiple teams across the organization

Data Visualization Virtual Internship, Saint Louis University- Globalshala

June 2021-July 2021

- Study the campaign data of multiple Campaign run by Globalshala, evaluate multiple factors, and concluded the most important factors
- Visualized the result using python and power BI and presented it to the business team of Globalshala
- Worked in a team of 5 people

Full Stack Developer Intern, 9zest, India

July 2018 – August 2018

- Developed the Text-to-Speech Software using Google TTS Rest API and App
- Programmed a reward system that rewards customer based on number of hours worked out using Java and Postgre SQL

ACADEMIC PROJECTS

Analysis and Prediction of Chronic Kidney Disease using Machine Learning

September 2019– May 2020

- Led a team of three to research and design prediction software using Python and machine learning models like Decision Tree, Linear Regression, ANN
- Conducted exploratory data analysis using statistical methods on training dataset and data cleaning regarding hospital patients using Jupyter Notebook and Python libraries like Pandas, Scikit-Learn and NumPy
- Analyzed data to identify the correlation between factors and identified which factors were the most significant in CKD detection
- Concluded that Logistic regression was best able to predict CKD with an accuracy of 92% and a Log loss of 0.43
- Implemented Agile and SCRUM methodologies to plan project development and release

Inventory Management System

August 2018 – November 2018

- Developed an inventory management system for a supermarket using Java and MySQL
- Programmed the front-end using Java Applet to display the current available inventory and send a notification if the inventory goes below a threshold value