Sidharth Mahant

Sr. Analyst (3 years)
Masters' Student, Dalhousie University, Canada

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Technical Skills

- **Data Science**: Python for Data Science, Natural Language Processing in Python, NumPy, pandas, Matplotlib
- **Languages**: Python, C++, C, Java
- **Web based**: HTML, CSS, JavaScript, jQuery, flask, Jinja, PHP
- **Machine Learning Frameworks & Libraries**: PyTorch, Scikit-learn
- **Database**: MySQL, MongoDB
- **Others:** GitHub, Docker, AWS web services like EC2, VPC, Cognito, SNS, Lambda, DynamoDB, S3, Spring boot, Heroku, Postman, UI Path, ServiceNow

Professional Experience

Senior Analyst

Capgemini   Aug 2018 – Aug 2021

- 3 years of experience in IT industry with expertise in providing Application Enhancement and Maintenance to client applications.
- Responsibilities included development of end-to-end automation solutions for US based client pioneering in food, fashion, and finance using UI Path.
- Proficient in working on ITIL based tools such as ServiceNow.
- Experience in ITSM process design, customization, re-engineering, tool implementation, and assessment.
- Designed, developed, and implemented key modules of Helpdesk system such as Incident management, Problem management, Change management, Knowledge management and SLA configuration. Also worked on Integrations, Service Portal.
- Developed and Deployed Machine Learning based Healthcare Applications for clients
- Worked on update sets, migrated the update sets to Production environment and handled Release Management activities.
- R & D of AI tools for enhancing the automation of business processes for FMCG based client.
- Excellent interpersonal skills, proven good team player with good analytical skills in solving bent problem and delivering Design and Development services in a highly stressful environment.
- Excellent communication skills, confident, articulate, and professional speaking abilities.

  Tech Stack: UiPath RPA software in Web and Citrix environments, JavaScript, ITIL – ServiceNow, Python, VBA- Macros

Projects

- **Krypton (Flask, Python):** An Interactive cryptocurrency exchange website with integrated Bitcoin wallet using **AWS web services** with a team of three.
- **Self-Driving Car (Python):** Created a Deep Learning-powered simulation of an autonomous vehicle. Using the Udacity simulator and the NVIDIA CNN architecture to forecast driving angles based on camera input. The model's accuracy was determined, and the model's behavior was examined using several CNN designs.
- **Nova Housing (Java):** A web-based application using **Spring boot** and **Thymleaf**, deployed on **Heroku** through GIT **CICD Pipeline** which enables users to rent an apartment, filter the listings based on price, location and features include automated rent calculator, new property validation check, contract pdf generator and more. This project was created in team of four.
- **Centralized Database Management System Application (Java):** In a team size of five, this console-based application is a simple relational database management system with multi-user support and

authentication. Users can execute general SQL queries, transactions, generate ERD, SQL dumps and log management.

- **Face, Emotion and Gesture Recognition (Python):** Implemented **Computer Vision** technologies using variety of **machine learning** Models, Successfully Created GUI and Python package file to handle Image Processing.
- **Social Media Trend Analysis (Python):** Fetched Tweets and YouTube comments via Twitter API and Google API and used **NLP** and ML models to predict trends.
- **E-commerce website (PHP):** A web application for sellers and buyers to add and sell products. Features included category filtration, searching along with inventory management.

Education

Dalhousie University, Halifax, NS

Master of Applied Computing   Sep 2021 - Expected Dec 2022

Course work: Machine Learning, Advanced Topics in Software develop, Cloud Computing, Process of Data Science

Manipal University

Bachelor of Technology, Computer Science Engineering   Aug 2014 – Aug 2018

Course work: Data Structures, OOPs, Software Engineering, Analysis & Design of Algorithm, Artificial Intelligence

Licenses & Certifications

- Certified DELL EMC Academic Associate - Cloud Infrastructure and Services
- Full Stack Web Development -Forsk coding School
- Machine Learning with Python -Ducat India