

NIHARIKA DHAPOLA

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EDUCATION

University at Buffalo, The State University of New York

August 2022 – December 2023

Master of Science: Data Science

Buffalo, New York

- Coursework: Machine learning, Programming DB for Data Science, Computer Vision, Probability, Statistics

Guru Gobind Singh Indraprastha University

August 2016 – August 2020

Bachelor of Technology: Information Technology

Delhi, India

- Coursework: Mathematics, C/C++, OOPS, Data Structure & Algorithms, DBMS, Operating System, Web Programming, Artificial intelligence

SKILLS

Languages: Java, Python, R, MATLAB, C, C++, JavaScript, HTML/CSS

Data Management & Analytics: MYSQL, SQLite3, Oracle, PostgreSQL

Tools: Microsoft Power BI, VS Code, Pycharm, R studio, MATLAB R202, Git, Google Colab, Jupyter Notebook

Other: JIRA, Git, NumPy, Pandas, OpenCV, Scikit-learn, PyTorch, Keras, Tensorflow, Apache, Tomcat, AWS

EXPERIENCE

Appmandi LLC.

May 2023 – August 2023

Data Analyst Intern

Chicago, Illinois, United States, Remote

- Conducted data scraping using Python 3, BeautifulSoup to collect real-time market data from multiple websites, performed ETL processes, and culminating in the creation of a salary prediction model boasting an 85% accuracy rate.
- Engineered interactive Power BI dashboards, leading to a 30% increase in data-driven decisions.
- Transformed business needs into efficient Power Apps solutions, streamlining data collection and minimizing manual errors by 45%.

Cognizant Technology Solutions.

January 2021 – July 2022

Programmer Analyst, Full Stack Engineer

Pune, India

- Built REST APIs using Java, Spring Boot and integrated front-end back-end APIs with Angular.
- Resolved existing defects and achieved a 100% bug-fix success rate by utilizing Jira for issue tracking and resolution.
- Implemented caching and ETL processes in backend APIs, resulting in a 40% improvement in data retrieval speed.

Hostmud - Cloud Based Product Development Company

June 2019 – September 2019

Software Developer Intern

Delhi, India

- Created REST API'S in python with Django REST Framework.
- Designed and created user registration, eCommerce functionality, and integrated a product recommendation system using Python, HTML, Javascript, and Bootstrap 5.

PROJECTS

Web Scraping: Python, Selenium | [GitHub](#)

- Developed a Python and Selenium-based web scraping solution, surpassing existing application with 40% greater data retrieval efficiency.

Image Captioning: Python | [GitHub](#)

- Devised a system utilizes deep learning, convolutional neural network, and long short-term memory technology to produce a textual representation of an image by identifying its objects and actions with 85% accuracy.

Sahyog: Python, Django, HTML, CSS, PostgreSQL, Bootstrap, JavaScript, jQuery | [Link](#) | [GitHub](#)

- Spearheaded a team of 6 members to develop a project for CDK Global Pvt Ltd, facilitates corporate social responsibility by enabling companies and institutions to collaborate and offer impactful services to community.
- Selected among top 4 teams nationwide from over 270+ entries for the 'Smart India Hackathon Grand Finale 2019'.

Super Store Sales Insights: Power BI | [Link](#)

- Propelled business growth with the Power BI Super Store Sales Dashboard, realizing a 15% revenue increase and 10% reduction in inventory costs.

Amazon Customer Feedback Sentiment Analysis: Python | [GitHub](#)

- Led Amazon Customer Feedback Sentiment Analysis project, driving actionable insights, enhancing product recommendations, and achieving a 20% reduction in negative sentiment scores.