

AVANTIKA

LinkedIn: [Avantika's LinkedIn Profile](#)

Portfolio: [Avantika's Website](#)

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EDUCATION

University at Buffalo- State University of New York: School of Engineering and Applied Sciences

Buffalo, New York

Master's in engineering science- Data Science

Expected Dec 2022

- Relevant Course work includes Machine Learning, Data Analytics and Pipeline, Applied Deep Learning, Numerical Math Comp Data Science, Probability and Statistics, Prog DB Data Science, Statistical Learning

DIT University- School of Computing

Dehradun, India

Bachelor of Technology in Computer Science and Engineering with Specialization in Cloud Computing & Virtualization

May 2020

- GPA: 3.68 (Top 5% of all undergraduate students)
- Relevant course work includes Linear Algebra, Theory of Computation, Artificial Intelligence, Advanced Relational Database Systems, Data Warehousing and Mining, Intelligent Systems, Database Administration, Algorithms

PROFESSIONAL EXPERIENCE

School of Nursing - University at Buffalo

Buffalo, United States

Position: Teaching Assistant

Aug 2021 - Present

- Assist the Professor with course material and helping undergrad students with data analytics, SQL, and coding

IBM

Bengaluru, India

Position: Application Developer

Oct 2020 - July 2021

- Devised frontend technologies and API integration with Backend, for IBM client' Kia Motors Servicing platform
- Developed and debugged customer service module by implementing data science regression model to improve customer experience using their feedback

Position: System Associate Engineer (Graduate Hire)

Sep 2020 - Oct 2020

- Performed more than 20 bug fixes with weekly understanding of business requirements for an internal IBM project
- Make documents reports for client meeting and completed training on new technology - Data Science
- Got appreciation from Talent Acquisition Team within the first month and promoted to Full Time Application Developer at IBM

SKILLS AND INTERESTS

- **Programming:** Java, Python, R, SQL
- **Technologies:** NumPy, Pandas, Scikit-Learn, Data Analytics and Visualizations, Machine Learning, Artificial Intelligence, Tableau
- **Databases:** MySQL, Oracle DB, PostgreSQL
- **Cloud Technologies:** Microsoft Azure Cloud Fundamentals

INTERNSHIPS & PROJECTS

Indian Road Safety Campaign: Solve, MRTH-Government of India

Dehradun, India

Position: Data Science Intern

Jul 2020 - Dec 2020

- Interned in the Government of India's Road Safety Campaign by developing a software platform by collecting, cleaning, and training data for avoiding road rage
- The final project made people aware of importance of roads safety, it was later adopted by NGO for helping and curing problems for people in distress.

IBM

Dehradun, India

Position: Java Full Stack Development Engineer Intern

Feb 2020 - Jul 2020

- Devised food delivery software application
- Worked in team of six to develop the all-in-one dashboard for service provider to use machine learning based regression model to predict sales of orders based on previous orders
- Queried database and performed analytics on data collected and dashboard performance

Cube Square Technologies

New Delhi, India

Position: Data Science Intern

May 2019 - July 2019

- Developed a ML classifier based on Logistic Regression model to cluster out customer groups based on their feedbacks
 - The team deployed the ML classifier and still runs it for classifying their clients and perform related operations and actions based on the insights generated
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