

AVANTIKA

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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

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 and Analysis

SKILLS AND INTERESTS

- **Programming:** Java, Python, R, SQL
- **Technologies:** Data Analytics and Visualizations, Artificial Intelligence, Tableau, MVC architecture, AWS, Reporting
- **Databases:** MySQL, Oracle DB
- **Project Management:** Agile, Scrum, Communication, Leadership, Planner, Risk Management and Analysis

PROFESSIONAL EXPERIENCE

Amazon Inc.

Oct 2022 - Present

Software Developer

Seattle, WA

- Developed innovative software solutions in Amazon Packaging Unit that improved product speed, efficiency & cost-effectiveness
- Solved complex programming challenges using advanced data analytical and problem-solving skills
- Collaborated with top-tier technology professionals to build and maintain cutting-edge systems to act on real time algorithms

School of Nursing - University at Buffalo

Buffalo, NY

Teaching Assistant

Aug 2021 – May 2022

- Provided assistance in developing strong data analytics, SQL, and coding skills, to enhance undergraduate student engagement

IBM

Bengaluru, IN

Application Developer

Oct 2020 - July 2021

- Successfully designed and implemented frontend technologies and integrated APIs with Backend for IBM client Kia Motors
- Managed the Servicing platform, resulting in increased efficiency and improved user experience for customers.
- Leveraged data science regression model to develop and debug the customer service module

IBM

Bengaluru, IN

System Associate Engineer

Sep 2020 - Oct 2020

- Successfully resolved over 20 critical bugs while keeping a weekly understanding of business requirements for IBM Labs Project
- Prepared comprehensive reports for client meetings, demonstrating effective communication and project management skills.
- Recognized for exceptional performance within the 1st month and promoted to Full-Time Application Developer at IBM

INTERSHIPS & PROJECTS

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

Dehradun, India

Position: Project Management Associate Intern

Jul 2020 - Dec 2020

- Developed a software platform to improve road safety by analyzing data and predicting potential road rage incidents
- Gained valuable experience in data analysis & project management, while making a meaningful impact on society using tech

IBM

Dehradun, India

Position: Java Full Stack Development Engineer Intern

Feb 2020 - Jul 2020

- Developed and launched a food delivery software application that streamlined the ordering and delivery process
- Utilized SQL to query and analyze large datasets, identifying patterns-trends in order data to inform future business decisions.
- Created custom visualizations using Tableau to communicate the key performance metrics driving actionable business insights.

Cube Square Technologies

New Delhi, India

Position: Data Analyst Intern

May 2019 - July 2019

- Analyzed feedback data using SQL and other tools, identifying trends & patterns that informed business decisions
- Worked closely with 4 cross-functional teams, to align customer feedback with business goals and objectives.
- Maintained and updated the data analyst tool over time, incorporating new data and feedback to improve reporting