Aaditya Anand

✉ aanand2@umbc.edu | 📞 +1-240-935-9669 | 🔗 linkedin.com/in/aadityanand29 | 🏆 github.com/AadityaAnand

EDUCATION

University of Maryland, Baltimore County	**Aug, 2023 – May, 2025**
Master of Science in Computer Science (3.35/4.0)	*Baltimore, Maryland*
Medicaps-University	**Aug, 2019 – May, 2023**
Bachelor of Engineering in Computer Science CGPA (3.6/4.0)	*Indore, India*

EXPERIENCE

Intellicus Technologies | *Devops Intern* Indore, India | **Feb, 2023 – Aug, 2023**

- Orchestrated the build and deployment of Intellicus products across Windows and Linux operating systems, ensuring seamless functionality and compatibility, using Installshield, WinSCP, and Putty.
- Spearheaded the deployment of Kyvos Product on diverse cloud platforms including AWS, GCP, and Azure, enhancing accessibility and scalability.
- Engineered a streamlined workflow by integrating Jenkins and Selenium automation tools, leading to a 30% efficiency improvement and a 45% enhancement in build stability.
- Fostered cross-functional collaboration among development, testing and deployment teams, streamlining DevOps processes and aligning them with project objectives; mitigated delays and backlogs resulting in a 30% reduction in project completion time

Indian Institute of Technology, Kharagpur | *Research Intern* Kharagpur, India | **Sep, 2022 – Dec, 2022**

- Created an automated web-scraping tool utilizing Python's Selenium Library to extract user reviews from various travel websites, encompassing tourist attractions, hotels, and holiday homes.
- Translated the data and conducted data driven sentiment analysis on the collected reviews to gauge user sentiment.
- Utilized data to create a city-wise Resident Satisfaction Index, achieving an accuracy rate of 92%

TECHNICAL SKILLS

Languages :	C, C++, Python, R, Bash, Java
Web Technologies:	HTML5, CSS3, JavaScript, React
Data Technologies :	Data Analytics, Tableau, MySQL, Data Modelling, Business Analysis
Miscellaneous :	MS Suite, Git/GitHub, Jira, AWS, GCP, Azure

RELEVANT COURSEWORK

- Algorithms
- Artificial Intelligence
- Adv. Operating Systems
- Computer Architecture
- Data Structures
- Machine Learning
- Data Visualization
- System Design
- Database Mgmt.
- Data Science
- Software Engineering
- Objected Oriented Prgming.

PROJECTS

You've Been Hacked

- Developed a platform to help security researchers, IT administrators, and policymakers, explore and analyze data breaches, through powerful interactive visualizations.
- Implemented an Elision Chart and Bubble Cluster Chart using D3, and a Dashboard using Tableau, to provide a comprehensive view of data breaches.

Distributed File System

- Created a DFS featuring both pessimistic and optimistic replication strategies. Moreover, leveraged GRPC procedure calls, managed multiple threads, and deployed Bully algorithm to elect a new master server in case of node failure.
- Furthermore, devised and implemented a leasing algorithm optimizing file operations and system efficiency

Credit Card Fraud Detection

- Scrutinized and pre-processed multiple datasets and deployed multiple anomaly detection algorithms such as local outlier factor and isolation forest algorithms

LEADERSHIP & COMMUNITY SERVICE

- Worked as President, Students Technical & Innovation Club, Medi-Caps University (2021-22)
- Organized a science fair on National Science Day (2022) which saw a participation of more than 2500 students
- Volunteered in multiple blood donation camps and plantation drives as a member of the National Service Scheme