Aaditya Anand

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EDUCATION

University of Maryland, Baltimore County — Baltimore, MD
Master of Science in Computer Science (GPA: 3.35/4.0) — *Aug. 2023 – May 2025*

Medi-Caps University — Indore, India
Bachelor of Technology in Computer Science (GPA: 3.6/4.0) — *Aug. 2019 – May 2023*

EXPERIENCE

Graduate Assistant — Aug 2024 – Present
University of Maryland, Baltimore County — *Baltimore, MD*
- Administered Python scripts and spreadsheet automation tools to streamline grading for over 70 students.
- Coordinated with professors and peers to ensure compliance with academic policies.
- Managed timelines and delivered comprehensive feedback to students, improving their understanding of concepts.
- *Skills: Python, Excel, Automation, Collaboration, Time Management*

DevOps Intern — Feb 2023 – Aug 2023
Intellicus Technologies — *Indore, India*
- Spearheaded the deployment of Kyvos Product on Cloud Platforms, improving scalability.
- Streamlined workflows using Jenkins and Selenium automation, enhancing project completion efficiency.
- Conducted sprint planning sessions and tracked progress using Agile methodologies, ensuring milestones were consistently met.
- *Skills: DevOps, Cloud Platforms (AWS, GCP, Azure), Jenkins, Selenium, Agile Project Management*

Artificial Intelligence Research Intern — Sep 2022 – Dec 2022
Indian Institute of Technology — *Kharagpur, India*
- Designed and implemented an automated web-scraping tool using Python's Selenium library, automating data extraction from travel websites.
- Planned and executed a comprehensive project workflow, balancing analysis and development to deliver a Resident Satisfaction Index with 92 percent accuracy.
- Communicated findings and project outcomes to stakeholders through detailed reports and visual presentations.
- *Skills: Python, Selenium, Data Analysis, Workflow Planning, Stakeholder Communication*

PROJECTS

You've Been Hacked | *D3.js, Tableau, Agile Project Management, Data Visualization* — Feb 2024 – May 2024
- Conceptualized and led the development of a platform for security researchers to explore and analyze global data breaches interactively.
- Managed project timelines and tasks, ensuring seamless integration of D3.js -based Elision and Bubble Cluster Charts.
- Built a Tableau dashboard for comprehensive breach analysis, enhancing stakeholder decision-making.
- Collaborated with team members using Agile practices to deliver a responsive and scalable product.

Distributed File System | *GRPC, Multithreading, System Optimization, Git* — Aug 2023 – Dec 2023
- Directed the design and development of a Distributed File System with replication strategies.
- Devised and implemented GRPC-based communication protocols to improve system fault tolerance.
- Oversaw multi-threading and master-server election processes using the Bully algorithm, optimizing system performance.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, TypeScript, R, Bash
Web & Cloud: React.js, Node.js, HTML5, CSS3, AWS, GCP, Azure
Developer Tools: Git, Docker, VS Code, Visual Studio, Eclipse, MySQL, MongoDB, Hadoop, S3, Jenkins, Selenium
Project Management: Agile Methodologies, Sprint Planning, Timeline Management, Workflow Optimization, Stakeholder Communication