

ADITI VYAS

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EDUCATION

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| The George Washington University , School of Engineering & Applied Science Master of Science in Computer Science Specialization: Artificial Intelligence & Cybersecurity | August 2023 – May 2025 |
| New Horizon College of Engineering , Affiliated to VTU Bachelor of Science in Computer Science & Engineering | July 2019 – June 2023 |

SKILLS

Technical Skills: Python, C, HTML, CSS, Bootstrap, Java.
Soft Skills: Communication, Leadership, Detail Oriented, Time Management, Creativity.
Software Skills: Microsoft Word, Microsoft Power point, Microsoft Excel, Canva.

RELEVANT PROJECTS

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| Sentiment Analysis <ul style="list-style-type: none">Developed a sentiment analysis tool using Scala.Analyze the sentiment of social media posts.Achieved an accuracy rate of 85%. | August 2023 – December 2023 |
| Flight Delay Prediction <ul style="list-style-type: none">Implemented machine learning models (Linear Regression, Gradient Boosting, Random Forest) to predict flight delays.Gradient Boosting model achieving the highest accuracy of 92%. | January 2024 – May 2024 |
| Hand Gesture Based Navigation <ul style="list-style-type: none">Created a hand gesture-based web browser navigation system using YOLO.Custom datasets, enhancing user accessibility and interaction. | January 2024 – May 2024 |
| Location Aware Holiday Planner <ul style="list-style-type: none">Developed an Android application in Android Studio for booking holiday locations.Integrating Java tools and a database to allow users to book based on reviews and opening/closing times. | August 2022 – December 2022 |
| BMyVision: A Virtual Eye for the Visually Impaired <ul style="list-style-type: none">Designed an application using Python, YOLO, and NLP.To detect and describe objects for visually impaired users, significantly improving their ability to interact with their environment. | January 2023 – May 2023 |

WORK EXPERIENCE

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| Rovae Incorporation , Bangalore, India <i>Software Engineer Intern</i> | January 2023 – May 2023 |
| <ul style="list-style-type: none">Developed and maintained 5+ responsive websites tailored to client requirements, enhancing user engagement and satisfaction.Collaborated with a cross-functional engineering team to design project features and architecture, reducing development time by 20%.Refined website functionalities based on user feedback, resulting in a 15% increase in client satisfaction ratings. | |

PUBLICATION

International Journal of Scientific Research in Science, Engineering and Technologies
Paper was delivered at the 4th National Conference on Advancements in Computer Science and Engineering (print ISSN: 2395-1990 | online ISSN: 2394-4099). May 2022, Volume 9, Issue 11.

CERTIFICATIONS

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| Cloud Computing (Under NPTEL Program) | CCNA v7: Introduction to Networks (ITN) |
| Data Science Foundation, Methodologies and Tools (IBM) | Internet of Things (IoT) (Academy Europe) |
| Boosting performance by Parallel Processing (Singapore Global IT Academy Pvt. Limited) | |