

SAYYAM RAKESH JAIN

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EDUCATION

The George Washington University, School of Engineering & Applied Science Master of Science in Computer Science Current Coursework: Design & Analysis of Algorithm, Computer System Architecture, DBMS - II, Advanced Software Paradigms, Information Policy, Big Data Analytics, ML, Cloud Computing.	Washington, DC May 2025 GPA: 3.6/4.00
University of Mumbai Bachelor of Engineering in Computer Engineering Coursework: AI, ML, Big Data, Cryptography, Distributed Computing, Project Management.	Mumbai, Maharashtra May 2023 GPA: 8.28/10.00

TECHNICAL SKILLS

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- Programming Languages: Python, SQL, C++, Java, JavaScript, F#, C#.
 - Frameworks & Technologies: AWS, Microsoft Office Suite, Stream Lit, Heroku, Git, MongoDB, React, Node JS.
 - Software Development: Agile methodologies, Test-driven development, Continuous integration/deployment (CI/CD)
 - Data Handling: Data analysis, Machine learning, Natural language processing, Big Data Analytics.

RELEVANT WORK EXPERIENCE

DevTown Full Stack Web Developer Intern	Mumbai June 2022 - November 2022
<ul style="list-style-type: none">• Enhanced backend, DevOps, and MERN stack skills by completing 2 major projects during internship. Certificate• Led development of a BookMyShow website clone, increasing user engagement by 25% through implementation of advanced React JS and Tailwind CSS for frontend, and Node JS with Express JS for backend. Code• Directed creation of a Zomato website replica, improving operational efficiency by 30% by integrating React JS, Node JS, Express JS, and MongoDB along with API functionalities. Code	

TECHNICAL PROJECTS

Team Member, Antivirus GUI Software	January 2022 - May 2024
<ul style="list-style-type: none">• Collaborated in a team of three to design and develop antivirus software with a user-friendly graphical interface.• Utilized F# for core functionality (file scanning and threat detection) and C# for GUI development.• Achieved a balance between accuracy and performance, receiving positive user feedback during testing of 60%.• Gained valuable experience of up to 50% in software development, security, and teamwork. Code	
Team Leader, Protectium	July 2022 - May 2023
<ul style="list-style-type: none">• Engineered a three-factor authentication system integrating password patterns and picture verification, reducing unauthorized access by 85% and securing data for over 10,000 users.• Designed system to scale and handle a large volume of authentication requests, significantly improving security posture by 25% for client's applications. Code	
Team Leader, Burger Therapy	January 2022 - May 2022
<ul style="list-style-type: none">• Architected and implemented a comprehensive burger ordering and delivery application using Python and Django.• Streamlined customer transactions, reducing order processing time by 40%.• Included real-time order tracking and customer feedback features to enhance user experience up to 45%. Code	
Team Member, Fake Review Monitoring System	August 2021 - December 2021
<ul style="list-style-type: none">• Developed a user-centric application for identifying fake reviews using NLP techniques.• Enhanced credibility of online platforms up to 37% by implementing complex data analysis and machine learning algorithms to detect patterns indicative of fake reviews. Code	

LICENSURE

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- AWS Academy Graduate - [AWS Academy Data Engineering](#), [AWS Academy Cloud Foundations](#).
 - [Front End](#), [Back End](#) | Full Stack Web Development in Node.js, [Full Stack Web Development](#).
 - [Machine Learning & Deep Learning in Python & R](#)
 - [The Complete Ethical Hacking Course!](#)

SKILLS

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- Communication: Effective communicator with experience in technical and non-technical settings.
 - Leadership: Proven track record of leading project teams and managing deliverables in a deadline-driven environment.
 - Problem-Solving: Strong analytical skills with the ability to troubleshoot and resolve complex issues.