

ATYANTA RUPAKHETI

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<https://atyantarupakheti.github.io/PersonalPortfolio/>

EXPERIENCE

Project Lead | George Mason University

Jan 2024 — May 2024

- Directed a focused team in the successful development of a desktop application designed to improve user productivity by 40%.
- Enhanced existing project with innovative features like activity timers and habit tracking, significantly improving user engagement by 35% and satisfaction by 20%.
- Applied Agile methodologies and Git for project management, facilitating efficient team collaboration and version control, reducing development time by 25%.
- Cultivated trust and motivated team members, ensuring project alignment with user needs and software quality standards, resulting in a 30% improvement in project delivery.

Cybersecurity Team Member | Fairfax, VA

August 2021 — March 2024

- Actively participated in cyber competitions such as Jeopardy-style Capture the Flag (CTF) and Attack/Defense CTFs, enhancing practical cybersecurity skills.
- Collaborated with a diverse team to solve cybersecurity challenges in real-time.
- Engaged in tech talks and presentations, enhancing practical cybersecurity skills and industry knowledge.

PROJECTS

Habit Hub

Jan 2024 — May 2024

- Led the creation of HabitHub, a productivity and health app, gaining over 100 users within the first 3 months and boosting user productivity by 30%.
- Integrated Pomodoro timers and health reminders, increasing habit adherence by 25%.
- Coordinated a three-developer team using agile methodologies and managed version control with Git and GitHub, ensuring consistent development and cross-platform compatibility.

Personal Portfolio

Mar 2024 — May 2024

- Developed a comprehensive personal portfolio to showcase my projects and skills.
- Utilized HTML, CSS, and JavaScript for the front end, ensuring a responsive and user-friendly design.
- Integrated interactive elements and detailed descriptions to enhance user engagement by 40%.

Algorithm Visualization Project

Aug 2023 — Nov 2023

- Successfully Developed a JUNG-based tool visualizing algorithms like Dijkstra's and Kruskal's, used by 30+ students.
- Implemented interactive features that improved user engagement by 25% and deepened algorithm comprehension.

SKILLS

- Programming Languages: Java, C, C++, Python, HTML, CSS, SQL, R, JavaScript (React)
- Tools / Technologies: Agile, Git, GitHub, Windows, Linux, MySQL
- Software Proficiency: MS Office 365, GUI, Custom Library Design

EDUCATION

George Mason University | Fairfax VA

Aug 2021 — May 2025

Bachelor of Science in Computer Science | GPA: 3.86

- **Relevant Coursework:** Data Structures, Analysis of Algorithms, Object-Oriented Programming, Advanced C Programming, Software Engineering, Probability and Statistics, Professional and Technical Writing, Discrete Mathematics, Linear Algebra, Analytic Geom and Calc I, II, III
- **Awards/Honors:** Dean's List, Mason Idea Scholarship