Ayush Gupta

510-676-9076 | ayushg3512@gmail.com | <u>LinkedIn</u> | <u>Project Portfolio</u>

<u>Education</u>
University of Washington - Computer Science, Data Science, & Informatics | Expected Graduation: June 2025
Relevant Coursework: Machine Learning, AI, User Experience & Design, Software Design, Hardware/Software, Data Structures & Parallelism, R, Algorithms, SQL & DBMS
Github All In for Students Program - Spring Cohort

<u>Skills</u>
Data Science: Data Analysis, Dashboards, DBMS, R, MySQL, Tableau, Power BI, Excel
Software Engineering: Github, Python, Java, C, REST API, Selenium Web Scraping, Automation, Linux, AWS, Azure, Algorithms, Data Structures, Machine Learning, Docker, Debugging, Script Testing, Jira, Documentation
UI Development: Figma Prototyping, Front End, HTML, CSS, Flask, Django, JavaScript, PHP
Soft Skills: Communication, Collaboration, Adaptability, Research, Analytical Thinking, Quick Learning, Customer Satisfaction

<u>Experience</u>
Data Analyst Intern | NSight, Inc. | Jun 2024 - Present
- Manage extensive Oracle and Salesforce CRM datasets, leveraging **Python** and **R** to validate and convert data.
- Construct **Excel** workbooks and implement formula-based workflows, automating key business processes like commission calculation and increasing operational efficiency.
- Lead **research** initiatives, conducting in-depth analysis and meetings with 10+ vendors to address complex consulting inquiries.
- Create and maintain **documentation** and SOP development for all projects.

Software Development Intern | Seam | Jun 2024 - Present
- Develop and deploy **Selenium** web scraping workflows, automating data extraction from over 10+ online sources to enhance user information retrieval efficiency and empower users with actionable insights, contributing to Seam's mission of simplifying data discovery.
- Construct **automation** systems in **Python** for sectors like real estate, LinkedIn, and product review, processing up to 10,000+ data points daily.

Backend Team Lead | Flow AI | Oct 2023 - Present
- Lead and manage a team of 10+ interns in backend development from concept to deployment.
- Craft secure server-side functionality and manage infrastructure using **Python** & **Django**.
- Develop **backend** infrastructure for a SaaS platform, increasing sales calls per rep by 23%.
- Integrate key **REST APIs** from services like Hubspot, Zoom, and Salesforce.
- Facilitate daily cross-functional team collaboration using **GitHub, Jira, and Slack**.
- Troubleshoot backend issues to maintain system stability and uphold best practices.

Undergraduate Researcher | SEAL Lab UW | Sep 2023 - Dec 2023
- Dedicated 15+ hours weekly to rigorous training at SEAL Lab, University of Washington.
- Honed expertise in research methodologies - technical writing, **documentation**, DevOps development, internal **communication.**

Director of Communications | DEV[0] Computing Club | Oct 2022 - Oct 2023
- Co-founded to address entry barriers for first-time programmers, fostering inclusivity and bridging skill gaps.
- Developed and executed the club's **communication** blueprint to attract 50+ members and retain members in a nascent setting.
- Pioneered diverse communication strategies, utilizing social media, email marketing, and event promotions to increase membership by at least 20% monthly and unify members.

Java & Python Coding Instructor | Sailor's Learning Nonprofit | Mar 2021 - May 2021
- Guided 30+ elementary students in mastering programming concepts and **Python** and **Java** language intricacies.
- Developed 50+ hours of curriculum in conjunction with founders, fostering a positive and empowering learning environment.

<u>Awards/Certifications</u>
National Merit Scholarship Corporation - Scholarship Recipient, **University of Washington** - Purple & Gold Scholar, **Dubstech** - Data Visualization in Tableau & Power BI, **Robert Half International** - Student Scholar