AYUSH GUPTA

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EDUCATION

University of Washington - B.S. in Computer Science, Data Science, & Informatics
Expected Graduation: June 2026
Relevant Coursework: Machine Learning, Deep Learning, Artificial Intelligence, Data Science, Database Systems, Distributed Systems, Algorithms, Data Structures, Parallel Computing, Object-Oriented Programming, Cybersecurity, Network Security, User Experience & Design, Software Engineering

SKILLS

Backend: Python, Java, C, C++, C#, Ruby, AI, Machine Learning, REST APIs, DevOps, CI/CD, Containerization, Docker, Kubernetes, Spring, Linux, AWS, Azure, Shell Scripting, OOP, Object Modeling
Frontend: React, NodeJS, JavaScript, HTML, React, Flask, Django, Figma
Data Science: R, MySQL, PostgreSQL, NoSQL, Business Analytics, DBMS, ETL Design, Relational Databases, Distributed Storage, Data Mining, Spark, Pandas, Tableau, Power BI, Postgres, Excel
Automation & Tools: Selenium, Postman, Test Automation, Web Services, Oracle Fusion, GitHub
Soft Skills: Collaboration, Communication, Problem-Solving, Adaptability, Customer Service

EXPERIENCE

Backend Team Lead | Flow AI | Oct 2023 - Present
- Lead a team of 5 interns to deliver an **AI** B2B SaaS platform, improving sales rep efficiency by 23%.
- Design and implement secure server-side features using **Python** & **Django**; integrated 20+ **APIs** from ServiceNow, HubSpot, Zoom, and Salesforce.
- Optimize **CI/CD** pipelines, managing **Azure** infrastructure & product launch with **Docker** & **Kubernetes**.
- Collaborate cross-functionally with **Agile** practices, enhancing project delivery speed and quality.

Undergraduate Teaching Assistant | University of Washington Information School | Sep 2024 – Present
- Mentoring 25 students weekly on programming fundamentals in **R**, providing personalized support.
- Create an inclusive learning environment, improving overall student performance and engagement.

Data Analytics & Automation Intern | Nsight, Inc. | Jun 2024 - Aug 2024
- Automated lead-to-opportunity workflows in **Salesforce**, increasing operational efficiency by 62% through the use of **Python** and **Excel**-based automation.
- Analyzed and validated extensive **Oracle** and **Salesforce** datasets, ensuring data integrity and accuracy.
- Spearheaded research initiatives, collaborating with 10+ vendors to deliver consulting insights; maintained comprehensive project documentation and SOPs.

Software Automation Intern | Seam | Jun 2024 - Aug 2024
- Developed **Selenium**-based web scraping systems, automating data extraction across 20+ sources, processing over 10,000 data points daily.
- Built automation workflows in **Python** for diverse industries, including real estate and product reviews, enhancing data accessibility and user experience.

Undergraduate DevOps Researcher | SEAL Lab University of Washington | Sep 2023 - Dec 2023
- Committed 15+ hours weekly to **DevOps** research, gaining experience in technical writing, internal communication, and **automation** development.

AWARDS / CERTIFICATIONS

- **National Merit Scholarship** - Top 1,000 students nationwide
- **University of Washington Purple & Gold Scholar** - Highest university level
- **Robert Half Student Scholar** - Sole award recipient
- **GitHub Open Source Contributor** - All In for Students Cohort (Spring 2024)
- **Oracle MySQL Database Service Explorer** - Training Certification
- **Dubstech Data Visualization** - Tableau & Power BI Certification
- **Salesforce Opportunity Management** - Training Certification
- **Microsoft Excel Master** - Advanced Excel Certification