**Srijan Gupta**

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Aspiring candidate seeking internship opportunities, currently taking advanced Data structures and Algorithms, Client-side development, and Database and Data Modeling courses at UW.

EDUCATION

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| **University of Washington, Seattle** | June 2026c |
| Pursuing B.S. Informatics (AI/ML focused) & Computer Science. |  |
| **Relevant coursework at UW:** *Machine Learning*, Client-side Development, Data Structures & Algorithms, Discrete Math, Software Engineering, Linear Algebra & Matrix applications. | |
| **Certifications:** Amazon Web Services (AWS) Cloud Practitioner & AI Cloud Practitioner,Generative AI: working with LLMs (LinkedIn Learning) | |

EXPERIENCE

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| **AI/ML Engineer Intern** |*Tech Mahindra* | Current – August 2025 |
| * Develop and deploy AI agents to make strategic decisions on company’s behalf. * Design AI-powered **observability** framework to using AWS services like **CloudWatch**, **X-Ray** and **Bedrock** custom ML models (RAG) to detect anomalies, surface errors, and perform automated root-cause analysis. * Collaborated with cross-functional teams to integrate AI capabilities into existing systems, accelerating decision-making and improving operational efficiency. | |
| **Automation Agency** | *Self-employed* | January 2025 – March 2025 |
| * Automated marketing for Maintain Home Services, a startup in Seattle. * Saved them $600/month by eliminating the need for a marketing team. * Utilized *make & N8N* softwareto auto-generate content and publish it across multiple social media platforms using a single input from the owner. | |
| **Coding Club Teaching Assistant -** *House of Wisdom* | March 2024 – June 2024 |
| * Taught programming and mentored school aged students to navigate new skills in coding. * Collaborated with peers to design lesson plans and received constructive feedback from instructor. | |

PROJECTS

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| **Plant Parenthood Web App** | https://plant-parenthood-3a5c5.web.app/login | February 2025 – June 2025 |
| * React and Firebase application empowering plant enthusiasts to track care routines, discover new species, and engage with a vibrant community. * Implemented full CRUD community forum with posts, comments, likes, and tag filters. * Engineered plant recommendation engine with difficulty, season, and care filters. * Built care logging to track watering, fertilizing, moisture, and sunlight. | |
| **AI powered Application for Professors** | May 2023 – October 2023 |
| * Reduced email volume by 40% for college professors, answering repetitive student questions. * Utilized *Gemini 2.0 Flash model* for **Natural Language Processing,** and *Flask* for **web development**. * Produced context-aware responses to student inquiries. | |

TECHNICAL SKILLS

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| **Languages:** Python, Java, C++, R, SQL, HTML, JavaScript  **Git & GitHub:** Proficient in Git for version control and GitHub for collaborative development.  **Database Management & Analytics:** Skilled in SQL, R, Excel, and AWS (DynamoDB, RDS).  **AI Cloud practitioner:** Hands-on experience deploying scalable applications using industry best practices.  **Concepts:** Retrieval Augmented Generation (RAG)**,** Machine Learning, Artificial Intelligence, Artificial Neural Networks, Human Computer Interaction, Data Science, Data Analysis, Software Engineering, Data Structures and Algorithms, Front-end, Systems. |