

Pranav Dhawan

Washington, DC | dhawanpranav02@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

George Washington University <i>Master of Science, Data Science (GPA 3.74)</i> Relevant Coursework: <i>Machine Learning, Deep Learning, NLP, Data Mining, Cloud Computing, Time Series Analysis</i>	Washington DC, USA May 2026
Manipal University Jaipur <i>Bachelor of Technology, Computer Science and Engineering (GPA 8.51)</i> Relevant Coursework: <i>Algorithms & Data Structures, Database Management Systems</i>	Rajasthan, India May 2024

PROFESSIONAL EXPERIENCE

American Chemical Society, Washington DC, USA <i>AI Workplace Engineer Intern</i>	May 2026 – Present
- Automated ~70% of monthly Ivanti Neurons service desk tickets by connecting email intake to a RAG-enabled workflow that classifies requests, drafts responses for information tickets, and routes complex issues to staff with suggested solutions and relevant Wiki sources. - Established an AI governance blueprint covering data protection, secure knowledge-base access, human-in-the-loop review, token misuse prevention, and responsible deployment standards for internal AI workflows.	
Siva Info LLC, New York, USA <i>Independent Contractor - AI</i>	June 2026 – Present
- Redesigned the tagging and classification pipeline, raising process accuracy from 32% to 99% while reducing manual corrections and improving operational efficiency. - Developed change-manifest tooling to detect content changes across source file versions.	
Lumina Datamatics, Chennai, India <i>Machine Learning Engineer</i>	Feb 2024 – Aug 2024
- Developed and fine-tuned computer vision pipelines to detect and extract complex equations from 10,000+ unstructured documents, improving technical content digitization and reducing manual review effort. - Refactored the document layout parsing architecture by replacing legacy LayoutParser components with a custom pipeline, improving extraction accuracy by 16% and reducing inference latency by 0.3 seconds per page. - Architected a RAG system for legal document search using hybrid BART and BERT based models, optimized embeddings, and FAISS indexing, reducing query retrieval time from minutes to under 5 seconds.	
HCL Technologies, Noida, India <i>Machine Learning Intern</i>	Jul 2023 – Sep 2023
- Identified productivity drivers across a 500+ person workforce by applying clustering, Logistic Regression, and Random Forest models to employee activity and performance data. - Engineered 12+ workforce KPIs from raw activity logs using SQL and Python, then built Tableau dashboards to support data-backed workforce planning.	
Ernst & Young, Gurugram, India <i>Summer Intern</i>	May 2023 – Jul 2023
- Developed Power BI dashboards for Sales and HR functions, visualizing revenue trends, customer acquisition, headcount, attrition, and compensation benchmarks. - Automated ETL workflows using Alteryx to extract, clean, and transform data from 5+ sources, improving reporting consistency and eliminating manual data handling errors.	

PROJECTS AND OTHER EXPERIENCE

Stock Screen	Jan 2026 – Present
A real-time AI-powered terminal that unifies stock analysis, market news, company filings, forecasting workflows, and market context into a single interface.	
Multimodal Techniques for Financial Time Series Forecasting	Jan – May 2026
Published a benchmark study on the FinMultiTime dataset using multiple data modalities, evaluating 10+ different finetuned model architectures and ensembles delivered findings in a research paper and technical report.	

PROFESSIONAL SKILLS

Languages, Libraries & Frameworks: Python, R, pandas, NumPy, scikit-learn, Matplotlib, Seaborn, PyTorch, TensorFlow, Hugging Face, n8n, CrewAI, LangChain, Agentic AI
Data & Visualization: SQL, MySQL, AWS, Google Cloud Platform, Power BI, Tableau, Streamlit