

PALLAVI PAREEK

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| <https://github.com/PallaviPareek>

SUMMARY

Data-driven Software Engineer with ~2 years of experience at Airbus Group, specializing in full-stack development, data analysis, and database management. Skilled in Python, SQL, JavaScript, Power BI, and cloud platforms, with hands-on ETL/pipeline development experience. Passionate about applying skills to solve problems and drive results.

WORK EXPERIENCE

University of North Texas – Library Administrative Office

Denton, TX

Lead Admin Student Assistant (*Promoted*)

Sep 2024 - Aug 2025

- Built Power BI dashboards tracking inventory/purchasing trends, saving 8+ hours of manual reporting per week and enabling faster decision-making
- Cleaned and validated large Excel datasets to support accurate financial records while managing inventory and delivery processes, reducing discrepancies and ensuring timely fulfillment
- Automated the marketing inventory workflow with Power Automate, including email reporting and real-time quantity adjustments, reducing activities tasks by 15+ hours per week

Airbus Group India Private Limited

Bengaluru, India

Associate Systems Engineer

Aug 2022 - Dec 2023

- Developed and maintained 3+ internal web applications using HTML, CSS, JavaScript, PHP, AJAX, ensuring responsive interfaces and smooth functionality across teams
- Administered and monitored 8+ production PostgreSQL and MySQL databases by creating stored procedures, functions, and triggers; optimized queries to improve data transfer reliability
- Engineered and refined the ART Review Tool, writing complex SQL, implementing stored procedures, and partnering with Product Owner to deliver Jira stories on time
- Managed ServiceNow incidents for ADB/DQC projects, troubleshooting access issues and application disruptions by analyzing cron logs via Linux/MobaXterm; ensured uptime, accurate data visibility, and reliable system performance

SKILLS

Programming & Data: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, C, Machine Learning (Data cleaning, Feature Engineering, Exploratory Data Analysis (EDA), Regression/Classification, scikit-learn, Model Evaluation Metrics)

Databases & Cloud: MySQL, PostgreSQL, BigQuery, Spark, Hadoop, ETL/ELT Pipelines, AWS, GCP

Web & Design: HTML, CSS, JavaScript, jQuery, Bootstrap, PHP, AJAX, WordPress/WIX, Figma, Adobe XD

Visualization & Tools: Power BI, Tableau, Advanced Excel, Power Automate, Git/GitHub, Jira, Linux (Ubuntu/Debian)

PROJECTS

Marketing Inventory Management System – UNT Library Marketing Office

Jul 2025

- Built a QR code-enabled system for staff to request marketing items, with real-time inventory updates and automated notifications to administrators
- Streamlined inventory tracking using Power Automate, reducing manual work by ~80% and ensuring accurate item availability

EDUCATION

University of North Texas, Denton, TX

GPA - 4.0/4.0 (till now)

Master of Science (M.S) – Data Science

Expected - Dec 2025

Relevant Coursework: Fundamentals of Data Analytics, Introduction to Big Data and Data Science, Data Visualization

LEADERSHIP, ACTIVITIES & CERTIFICATIONS

Leadership Roles: Graduate Ambassador – Women in Computing, UNT (2025); Social Service Lead – Indian Students Association, UNT (2025); Microsoft Learn Student Ambassador – GMRIT (2020–2022)

Certifications: AWS Cloud Practitioner Essentials (Second Edition); CNSS – Certified Network Security Specialist; Front-End Web Development (Udemy/LinkedIn Learning); Power BI Specialist (LinkedIn Learning)

Awards: Outstanding Student Assistant Award, University of North Texas (2025); Mary D. Walsh Endowed Scholarship, UNT (2024–2025); Merit Scholarship Award, GMR Institute of Technology (2018–2022)