

Pavithira Senthilkumar

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PROFESSIONAL SUMMARY

With a strong foundation in software development and a passion for data analysis, I bring 2 years of hands-on experience in agile environments, where I developed robust systems and improved technical workflows. Currently pursuing a Data Science certification, I am proficient in SQL and Excel, excelling at analyzing large datasets, uncovering patterns, and turning raw data into strategic insights. Eager to leverage my technical background and data-driven approach to drive meaningful business decisions and contribute to growth through actionable analytics.

EDUCATION

Bachelor of Engineering (Electrical and Electronics Engineering.) Anna University	2018 - 2022 Grade: 9.12/10.0
Intermediate (Class XII) APMHSS	2017 - 2018 Grade: 89.0%
Matriculation (Class X) APMHSS	2015 - 2016 Grade: 93.0%

EXPERIENCE

Associate software developer Bosch Global Software Technologies	January 2023 - December 2024 <i>Coimbatore</i>
<ul style="list-style-type: none">Analyzed power monitoring data of steering to detect anomalies and trends, improving system stabilization.Performed data-driven quality checks, enhancing system functionality and ensuring error-free operations.Transformed raw data of fault detection into actionable insights by automating , reducing data processing time and manual efforts 100% and monitoring processes.Ensured 100% validation coverage, conducting rigorous data quality checks to maintain high system accuracy.Strengthened cross-functional collaboration, working closely with stakeholders to analyze requirements and improve operational workflows.Improved system stability by 60% by identifying and resolving power monitoring issues through meticulous analysis and testing.	

PROJECTS

Chinook Music Store Project (Github)	March 2025
<ul style="list-style-type: none">Analyzed Chinook’s music record sales to uncover key trends and insights.Studied customer purchase behavior to improve retention and revenue.Assessed genre performance to optimize inventory and marketing strategies.Identified regional sales trends to target key markets for expansion.Suggested improvements for cross-selling and pricing strategies.	
IT Ticket Analysis (Github)	December 2024
<ul style="list-style-type: none">Analyzed IT support ticket data to assess resolution efficiency and agent performance.Identified areas for process improvement to enhance ticket handling.Used data insights to guide staffing, training, and resource allocation.Presented structured reports to leadership, aiding strategic decisions.Focused on optimizing team performance and software solutions.	

CERTIFICATIONS

Data Analytics Job Simulation Deloitte (Link)	August 2025
<ul style="list-style-type: none">Completed a Deloitte job simulation involving data analysis and forensic technologyCreated a data dashboard using TableauUsed Excel to classify data and draw business conclusions	

- Currently pursuing a comprehensive Newton ’s Data Science certification program encompassing data analysis, machine learning, statistical modeling, and data visualization.
- Gained proficiency in SQL, Power BI, spreadsheet applications, and statistical methodologies to effectively harness the power of data for informed decision-making.
- Acquiring practical skills to drive data-driven decisions, empowering future endeavors in the dynamic and rewarding realm of data science.

SKILLS

Computer Languages: SQL, Python
Data Tools: Power BI
Software Packages: Excel
Soft Skills: Communication Skills, Critical Thinking, Teamwork, Decision-making
Others: Jira, Analytics, Spreadsheet