

# Manuneethi Chozhan S

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## OBJECTIVE

A proactive and curious Information technology graduate with a solid foundation in Data Analysis, data structures, and full-stack technologies. Adept at applying programming concepts to real-world problems through hands-on projects and internships. Passionate about continuous learning, team collaboration, and building user-centric digital solutions. Seeking an opportunity to contribute to innovative tech teams and grow as a software professional.

## EDUCATION

<b>Hindusthan Institute of Technology, Coimbatore, Tamil Nadu</b> <b>Bachelor of Technology (B.Tech) – Information Technology</b> <i>Key Areas: IoT Systems, Software Development, Web Technologies, Data Analytics</i> CGPA: 7.59 / 10	<b>2021 – 2025</b>
<b>St. Paul's Matric Hr. Sec. School, Tamil Nadu</b> <b>HSC (Class XII) – 71.45%</b>	<b>2021</b>

## KEY SKILLS & EXPERTISE

- **Programming Languages:** Python, SQL, HTML, CSS, JavaScript
- **Python Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Tools & Platforms:** VS Code, Git, Oracle, MySQL
- **Data Visualization Tools:** Power BI (DAX, Power Query Editor), MS Excel (Advanced)
- **Languages Known:** English (Professional), Tamil (Native)

## INTERNSHIP EXPERIENCE

<b>Data Analyst Intern</b> <i>Pyspiders, Bangalore, India</i>	<b>Feb 2025 – Present</b>
<ul style="list-style-type: none"><li>◦ Engineered and optimized ETL pipelines using Python, reducing data processing time by 40%.</li><li>◦ Designed and developed interactive dashboards using <b>Power BI</b> to visualize business KPIs and trends.</li><li>◦ Wrote complex <b>SQL queries</b> (joins, subqueries, window functions) for data extraction, transformation, and aggregation from relational databases.</li><li>◦ Utilized <b>Excel (VLOOKUP, PivotTables, Macros)</b> to perform ad hoc data analysis and automated reporting workflows.</li><li>◦ Collaborated with cross-functional teams to turn raw data into actionable insights, improving decision-making and reporting accuracy.</li><li>◦ Authored comprehensive unit tests and documentation, ensuring 95% code coverage and maintainability.</li><li>◦ Collaborated in Agile sprints, conducting code reviews and contributing to continuous integration practices.</li></ul>	

## PROJECTS

<b>Health Dashboard using Excel, Power BI, and MySQL</b>	<b>May 2025</b>
<ul style="list-style-type: none"><li>◦ Designed an interactive health analytics dashboard to monitor key health indicators and patient trends</li><li>◦ Extracted and cleaned data from MySQL database for real-time reporting</li><li>◦ Developed KPI visuals and slicers in Power BI for dynamic health analysis</li><li>◦ Automated Excel reports with pivot tables and charts to support decision-making</li></ul>	
<b>Architecture Layout Design Using Machine Learning</b>	<b>Jul 2023</b>
<ul style="list-style-type: none"><li>◦ Developed an intelligent model to automate floor plan generation using supervised learning techniques.</li><li>◦ Utilized convolutional neural networks (CNN) to identify optimal room placement based on space utilization.</li><li>◦ Integrated dataset of architectural blueprints to train and validate the model.</li><li>◦ Achieved efficient layout suggestions reducing manual design time by over 60</li></ul>	

## CERTIFICATIONS & ACHIEVEMENTS

- **Python Basics** – Coursera
- **SQL Fundamentals** – HackerRank