

Meghana B

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Objective

Enthusiastic and detail-oriented Computer Science Engineering student with strong problem-solving skills, proficient in Java, Python, OOP, and Data Structures. Passionate about building scalable solutions, data visualization, HR analytics and web development. Seeking opportunities to apply analytical, coding, and communication skills in a dynamic technical environment.

Education

B.E. in Computer Science and Engineering

Maharaja Institute of Technology, Mysore (Upto 6th Sem, CGPA: 9.316)

2022 – 2026

Pre-University – Science

Mahesh PU College, Mandya – 94%

2019 – 2021

SSLC – St. John's School, Mandya – 89.9%

2018 – 2019

Technical Skills

- **Programming Languages:** C, Java, Python, PHP
 - **Core Concepts:** OOP, Data Structures & Algorithms
 - **Data Visualization Tools:** Power BI, Tableau
 - **Databases:** MySQL
 - **Data Analysis & Reporting:** Microsoft Excel (Pivot Tables, VLOOKUP, Power Query)
 - **Web Development:** HTML, CSS, React.js, WordPress, Wix
 - **Other Skills:** Problem-Solving, Team Management, Communication Skills, HR Analytics
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Projects

CyberCafe Management System – DBMS + Web Development

- As part of my academic requirements, I successfully designed and developed a Cyber Cafe Management System, integrating concepts from Database Management Systems (DBMS) and Web Development.
- Provided an interface for cafe administrators to manage user accounts and track usage, enabled administrators to allocate computers and resources to users, and monitor usage in real-time and Allowed users to view their billing information and pay for services instantly through the website.
- Applied theoretical concepts to Demonstrate understanding of DBMS and Web Development principles in a real-world scenario.
- This project was successfully submitted as part of the partial requirements for my 5th-semester studies, showcasing my ability to integrate theoretical concepts with practical applications.

Dr. NextGen – Mental Health Assistance Platform *(Ongoing)*

- Developing a digital mental health support system to address the emotional support gap among youth population.
- This is my ongoing project in fulfilment of partial requirements for the 6th semester

Restaurant Menu Website – WordPress

- Designed and developed a user-friendly Restaurant Menu Website using WordPress, showcasing a variety of cuisines and dishes. .
- Created a customizable menu system, allowing restaurant administrators to easily add, edit, and remove menu items. Included detailed descriptions and high-quality images of each dish, enhancing the user experience. Integrated online ordering and reservation systems, allowing customers to place orders and book tables conveniently.
- Successfully delivered a visually appealing and user-friendly Restaurant Menu Website, providing an intuitive online experience for customers and streamlining menu management for restaurant administrators.

Sales Performance Dashboard – Power BI + Excel

- Created interactive Power BI dashboards using DAX measures and visual filters to track sales KPIs.
- Cleaned and transformed raw sales data using Excel Power Query for efficient reporting.

Customer Segmentation Analysis – Tableau + MySQL

- Extracted and joined customer data from MySQL databases for segmentation analysis.
- Designed Tableau dashboards to visualize customer clusters and purchase trends.

Mini projects

- Nasa API
- Swoley Fit (Open Project)
- Free Scribe (Open Project)

Internship Experience

Web Development Intern – Au Multidimensional Solutions *(Oct 2024 – March 2025)*

- Developed mini-projects using React.js, WordPress, and Wix.
 - Conducted manual website testing and competitor analysis.
 - Collaborated on two live projects, enhancing client websites' functionality and user experience.
 - Training on HR Analytics
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Accenture North America Data Analytics and Visualization Job Simulation on Forage - November 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
 - Cleaned, modelled and analysed 7 datasets to uncover insights into content trends to inform strategic decisions
 - Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders
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Certifications

- NPTEL – AI Search Method for Problem Solving (Elite Silver)
 - NPTEL – Introduction to C Programming (Elite)
 - NPTEL – Problem Solving in C
 - NPTEL – HR Analytics (Elite Silver)
 - Data Analytics & Visualization – Job Simulation Certification
 - Training in Data Analysis using R, Excel, Power BI, Tableau, MySQL, Python
 - Participated in Hack4Mysore Hackathon
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Achievements

- Excellence in Academy Award (2023–24)
 - 1st Prize – School Level Quiz Competition (2016)
 - 2nd Prize – Inter-College Quiz Competition (2022)
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Activities

- Volunteer, **National Service Scheme (NSS)**
 - Conducted awareness programs on water conservation and school education.
 - Participated in campus and city cleanliness drives.