

GAGAN C B

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Objective: Strong foundation in computer science with hands-on experience in Java and full-stack web development. Proficient in machine learning and data analytics, bringing a problem-solving mindset to dynamic, innovative environments. Passionate about leveraging technology to solve real-world challenges and drive impactful software solutions.

EDUCATION

Akshaya Institute of Technology, Tumkuru

Bachelor of Engineering in Computer Science | CGPA : 7.8

June2022 - May2025

TECHNICAL SKILLS

- **Languages:** Java, SQL , HTML, CSS, JavaScript
- **Frameworks:** REST APIs
- **Tools:** Power BI, MySQL, Git, GitHub
- **Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code
- **Concepts:** Object-Oriented Programming (OOP), Web Application Development

INTERNSHIPS & PROFESSIONAL TRAINING

- Certified in **Full Stack Web Development (FSD)** through **Capgemini's** Digital Academy in collaboration with **TNSIF** (2024), mastering front-end, back-end, and database management.
- Compssoft Technologies
Intern
 - Machine Learning Internship (Research-Based)
 - Enhanced demand forecasting accuracy by {15%} through developing a predictive model for top crops. Increased Python proficiency by implementing {3} dynamic machine learning algorithms.

PROJECTS

- **Railway Reservation System (DBMS)|[Link](#)**
A project focusing on enhancing the efficiency of ticket management systems
 - Improved a database system to manage ticket bookings, cancellations, and schedules efficiently
- **A Predictive Model for Forecasting Demand and Supply Information of Top Crops |[Link](#)**
A predictive model project focusing on agricultural demand and supply
 - Enhanced an ML-based predictive model for agricultural forecasting, improving prediction accuracy by [10]% and optimizing data analysis for better crop yield and supply-demand forecasting.
- **Video Analytics for Security Surveillance | [Link](#)**
A project focused on enhancing security measures through video analytics
 - Designed and implemented an AI-driven security footage analysis system, improving threat detection, anomaly recognition, and real-time surveillance efficiency.
- **Placement Management System using CRUD | [Link](#)**
A project aimed at streamlining placement management at educational institutions
 - Optimized an application for streamlined placement data management, enhancing efficiency by [20]% and improving data accessibility and accuracy.

CERTIFICATIONS

Introduction to Power BI | [CERTIFICATIONS](#)

March-2025

- Proficient in Power BI for creating interactive dashboards and transforming data into actionable insights.
- Improved dynamic reports in Power BI, improving data accessibility and supporting business decisions.

Cybersecurity for Beginners | [CERTIFICATIONS](#)

March-2025

- Knowledgeable in threat analysis, risk mitigation, and implementing security measures.

Introduction to JavaScript | [CERTIFICATIONS](#)

May-2023

- Gained proficiency in JavaScript fundamentals, including variables, functions, DOM manipulation, and event handling