



# GAGAN GOWDA B G

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## OBJECTIVE

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Aspiring Data Science professional with a strong foundation in Computer Science and a passion for solving real-world problems through AI. Currently developing an AI-driven plant disease detection system using deep learning. Fast learner with a structured mindset and solid analytical skills.

## EDUCATION

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**K S Institute of Technology Bangalore** **2026**  
*B.E- Computer Science And Engineering **CGPA - 7.04*** *Bangalore, India*

**Sri Chaitanya PU College, Bengaluru** **2022**  
*Pre-University - **Percentage - 61.6%*** *Bengaluru, India*

**Sri Chaitanya Techno School** **2020**  
*SSLC - **Percentage - 61.2%*** *Bengaluru, India*

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Java(familiar), C(basic), JavaScript (learning)
- **Competent in:** SQL, Git, GitHub, Jupyter Notebook, Eclipse.
- **Languages:** English (proficient), Hindi , Kannada (native),Telugu

## PROJECTS

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### Colour-Based Object Sorting System

- Developed a Automated color sorting system with image processing and microcontroller control.
- Role: Hardware integration, image processing, and backend logic..
- Technologies: (e.g., python, OpenCV, Arduino, Serial Communication, Flask (for UI), HTML, CSS, etc.)

### Dockerized Stock Data Pipeline (Airflow + PostgreSQL)

- Built a containerized ETL pipeline with Apache Airflow to fetch stock data from Alpha Vantage API and store it in PostgreSQL.
- Role: DAG development, pipeline integration, and Dockerization.
- Technologies: (e.g., Python, Airflow, PostgreSQL, Docker, Git/GitHub etc.)

### PhytoDetect AI (Vitis Vinifera)

- Developed a deep learning-based grape plant disease detection system using CNNs and image processing for leaf analysis. Integrated a multilingual NLP chatbot for farmer support, with web/mobile interface and cloud deployment for real-time accessibility and impact.
- Role: Model integration, backend development, and deployment..
- Technologies: (e.g., python, Flask, TensorFlow/Keras, HTML, CSS, JavaScript, Render, GitHub))

## ACHIEVEMENTS

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- Has successfully contributed as a Volunteer in organizing Sentinel Hack 5.0.
- Organizing Committee Member, The Great Bengaluru Hackathon -2025.
- Core Committee Member, College Fest Organization.
- Division-Level Kabaddi Player.

## CERTIFICATES & INTERNSHIPS

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- Machine Learning Fundamentals (Infosys SpringBoard)
- C-programming (Course)
- Artificial Intelligence in Industrial and Management Engineering (NPTEL)
- 100 Days of Code: The Complete Python Pro Bootcamp (Udemy)
- Programming Fundamentals using Python (Infosys SpringBoard)