

## Shireesha TH

[sirishasirisha806@gmail.com](mailto:sirishasirisha806@gmail.com) | 9591497422

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

### Career Objective :

I'm passionate about uncovering insights through data and building analytical solutions that are not only accurate but also actionable and user-friendly. I focus on ensuring data workflows are seamless, reliable, and scalable. With a continuous learning mindset, I stay updated on emerging tools and techniques to deliver meaningful insights that drive informed decisions and improve user experiences.

### Education :

B.E in Information Science and Engineering

HKBK College of Engineering, Bengaluru (2019 – 2024)

CGPA: 7.0

*Relevant Coursework: Data Structures, Software Engineering, Presentation Skills.*

### Technical Skills :

Programming: Python, Java (OOP, Collections, Multithreading), SQL (DDL, DML, TCL, Joins, Subqueries)

Web Development & UI/UX: HTML5, CSS3, JavaScript, React.js, Bootstrap, Responsive Design, UI Design, Cross-Browser Compatibility, Performance Optimization

Data Analysis & AI/ML: NumPy, Pandas, Matplotlib, Excel, SQL, Data Visualization

Backend & DevOps: Firebase, Spring Cloud, RESTful API Integration, SDLC, CI/CD, OOP, DSA, Git, GitHub, Debugging, Troubleshooting

Soft Skills : Analytical Thinking, Problem Solving, Team Collaboration, Interpersonal Skills

### Professional Experience :

Property Advisor | *MagicBricks, Bengaluru* || July 2024 – Jan 2025

- Developed client handling skills, improving user satisfaction and driving engagement.
- Conducted market research and data analysis to assist clients in property selection.

Technical Intern | *Nano Robotics Embed Technologies* || Aug 2022 - Oct 2022

- Designed and implemented software for embedded systems using Python
- Applied machine learning techniques for real-time data visualization

Embedded System Engineer | *Techmonk Project Solutions Pvt Ltd* || Aug 2021 - Oct 2021

- Developed a real-time LED monitoring model to simulate automation in smart station environments
- Participated in product ideation, focusing on functionality, data flow, and automation logic
- Created technical documentation outlining system behavior, data triggers, and operational insights

### Technical Projects :

**Smart Safety Monitoring System for Sewage Workers** | IoT + Sensors + Python – Developed IoT-based devices to detect gas levels and send real-time alerts. Improved safety by 80% in simulations.

**Game Hub** | JavaScript + HTML + CSS – Developed three classic games (Guess the Number, Memory Game, Tic-Tac-Toe) using JavaScript, demonstrating DOM manipulation and Git workflows.

**RAG Chatbot (Hiring Challenge)** | JavaScript + Python + TailwindCSS - Built a Retrieval-Augmented Generation chatbot with a focus on real-time interaction. Integrated user-friendly UI and API-based backend for tech news retrieval using a dummy Gemini API (full stack).

**IRIS – AI Chatbot Clone (Ongoing)** | Python + NLTK + VaderSentiment – Building a Python chatbot using NLTK, vaderSentiment, NumPy, and Expo to deliver sentiment-aware conversations.

### Certifications :

AWS Academy Cloud Foundations – AWS Academy (2024)

Cloud Technical Series – Google Cloud Asia Pacific (2025)

Full Stack Development Using AI (Workshop) – Cuvette (2025)

Software Engineering Virtual Experience – Electronic Arts (2023)

Advanced Software Engineering Virtual Experience – Walmart Global Tech (2023)