

# BAIRE GOWDA

Full Stack Developer | GenAI Engineer | Software Engineer

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## CAREER OBJECTIVE

Motivated MCA student specializing in Cybersecurity and Machine Learning, with hands-on experience in full stack web development, Python-based AI applications, and REST APIs. Seeking a software developer or full stack developer role where I can apply my technical skills, deliver production-ready solutions, and grow within an agile engineering environment.

## TECHNICAL SKILLS

**Languages:** Python, Java (Basics), JavaScript, HTML, CSS

**Frontend:** HTML5, CSS3, JavaScript

**Backend:** Python, Node.js (Basics), REST APIs

**Databases:** MySQL, SQL

**AI / ML:** Machine Learning, RAG Pipelines, LLMs

**Tools:** Git, GitHub, VS Code, Streamlit, Postman, Streamlit Cloud

**Concepts:** Full Stack Development, OOP, Data Preprocessing, Cybersecurity Fundamentals

## EDUCATION

**Master of Computer Applications (MCA) — Chanakya University**

2025 – 2027 | Pursuing

Specialization: Cybersecurity & Machine Learning

**Bachelor of Computer Applications (BCA) — East Point College**

2022 – 2025 | CGPA: 7.8

## ACADEMIC PROJECTS

**DocuMind AI — AI-Powered Knowledge Assistant**

2026

Tech Stack: Python · Streamlit · RAG · LLaMA 3 · Sentence Transformers · OpenRouter API

- Built a production-ready RAG system that answers queries strictly from uploaded documents, eliminating AI hallucinations.
- Implemented a 5-stage pipeline: document ingestion, chunking, vector embedding, semantic retrieval, and grounded response generation.
- Deployed live on Streamlit Cloud with secure API key management and a custom NumPy-based vector store.

**Heart Disease Prediction System**

May 2025

Tech Stack: Python · Scikit-learn · Pandas · NumPy

- Developed an ML-based system to predict heart disease risk using real-world medical datasets.
- Performed data preprocessing, feature analysis, and model evaluation to improve prediction accuracy.
- Gained practical experience in end-to-end model development and data-driven problem solving.

**Social Media Application**

Jan 2025 – Feb 2025

Tech Stack: HTML · CSS · JavaScript · Python (Backend)

- Designed and developed a full-stack social media web application during a 90-hour internship.
- Implemented responsive frontend UI and integrated a Python-powered backend with core social features.

## INTERNSHIP EXPERIENCE

**Software Development Intern — Hope Foundation, Bangalore**

Jan 2025 – Feb 2025

- Completed a 90-hour hands-on internship, building a Social Media Application from scratch.
- Delivered the project on schedule, demonstrating professional conduct and consistent commitment.

## CERTIFICATIONS

- Python for Beginners — Great Learning Academy (Live Course)
- Machine Learning & AI — Hope Foundation, Bangalore (2024)
- Cybersecurity (Basic & Intermediate) — Simplilearn (2024)

## ACHIEVEMENTS

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- Deployed a live AI application (DocuMind AI) on Streamlit Cloud — rare for an MCA fresher.
- Completed a 90-hour professional internship and received a completion certificate from Hope Foundation.
- Maintained a consistent academic record with 7.8 CGPA throughout BCA.

## LANGUAGES

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- Kannada — Native
- English — Professional Working Proficiency
- Hindi — Conversational