

# GOPI GOWDA C N

Motivated Software Engineer with expertise in software design, problem-solving across diverse technologies.

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## Education

**Shridevi Institute of Engineering and technology**

**Dec 2022 – Apr 2026**

*BE in Computer Science and Engineering*

*CGPA: 7.68*

## Experience

**IBM SkillsBuild**

**Jul 2025 – Aug 2025**

*Role - Intern*

- Engaged in a 4-week internship focused on **Cloud Computing, Artificial Intelligence, Data Analytics, and Machine Learning**.
- Completed hands-on experiments, chatbot AI project, and Auto AI experiments on IBM Cloud.
- Earned certification from IBM SkillsBuild program for completing technical and professional skill courses.

**Open Source (GSSOC'25)**

**Jun 2025 – Present**

*Role - Contributor*

- Fixed UI/UX bugs, improved mobile responsiveness, and participated in weekly code reviews and standups via GitHub & Discord.
- Enhanced the frontend UI using HTML, CSS, JS, and SpringBoot, improving user experience.

## Projects

**Custom AI Agent with Memory** | Python, LangChain, OpenAI, Redis, ChromaDB, Streamlit

[GitHub](#)

- Developed a voice/text-based AI assistant with long-term memory using LangChain, OpenAI APIs
- Integrated ChromaDB and Redis for persistent conversational memory and semantic context retention.

**Blockchain Document Verification** | Solidity, Web3.js, IPFS, Truffle, MetaMask, Polygon

[GitHub](#)

- Developed a secure blockchain document verification platform using Solidity, Web3.js, IPFS, and Polygon.
- Integrated MetaMask, Infura IPFS API, and Tailwind CSS for seamless file upload and verification.

**E-Commerce Web App** | Spring Boot, Angular, Spring Security 6, JWT, AWS, Docker

[GitHub](#)

- Built a full-stack e-commerce platform with Spring Boot REST APIs, JWT-based authentication.
- Implemented product management, cart, orders, and admin features with secure role-based access control.

**Multimodal AI Search Engine** | Python, OpenCV, scikit-learn, Gensim, Selenium, Tkinter, Flask

[GitHub](#)

- Built a multimodal search engine for retrieving similar images or text using visual and textual inputs.
- Used TF-IDF, Word2Vec, SIFT, and Bag of Visual Words for text and image-based search algorithms.

## Technical skills

**Languages:** Java, Python, SQL

**Frameworks/Tools:** Spring Boot, Flask, Django, Bootstrap, React.js, Git & Github, Postman, Eclipse, VS Code

**Database:** MySQL, PostgreSQL

**Soft skills:** Leadership qualities, Time management, Teamwork and Collaboration

## Certifications

**Programming in Java:- NPTEL:IIT KHARAGPUR**

**Java:** Core Java + REST API with Spring Boot. Java 8 to 16. **Udemy**

**Generative AI by - Microsoft & LinkedIn**

## Achievements & Extracurricular activities

- Achieved State level for an innovative hardware project in 10th grade; awarded 10,000 by the government.
- Ranked among top 10 finalists in national-level hackathons for tech innovation and problem-solving.
- Served as an Internshala Student Partner, promoting internships and career opportunities on campus.
- Interned as a Crowdfunding Intern at Muskurahat Foundation, raising funds remotely for social impact.