

# Ajay C S

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## Education

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### Siddaganga Institute of Technology, Tumkur

Bachelor of Engineering: Artificial Intelligence and Data Science

2021 - 2025

CGPA: 7.52

### Vidyanikethan PU College, Tumkur

Class 12th

2020 - 2021

Percentage: 92.7%

## Skills

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**Languages:** C, C++, Java, Python

**CS Fundamentals:** OOP, OS, DSA, DBMS

**Databases:** MySQL, MongoDB

**TechStacks:** Express, React, Node.js, Next.js

**Tools:** VS Code, Git, GitHub, AWS, Dialogflow

**Soft Skills:** Communication, Teamwork, Adaptability

## Projects

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### NLP HRE -NLP, Express.js, MongoDB, Android Development

- Developed a **Automated phone call feature** from the server to the app.
- Created a **Voice bot and Chat bot** for HR employee management using Dialogflow NLP API.
- Integrated backend server with Dialogflow API via webhook.
- Built a frontend application with two login interfaces using OWN API connected to the database.

### Multilingual Text Identification with its Topic Categorization - NLP, ML, ANN — [GitHub](#)

- Developed a **BERT-based language detection system** for diverse languages with improved accuracy.
- Used **TF-IDF** with a fine-tuned BERT classifier to enhance multilingual topic categorization.
- Designed a scalable system for handling large datasets with high-performance computing resources.
- Implemented efficient training strategies and early stopping to optimize resource usage and performance.

### Ebooks Digital Reading Platform - MERN stack — [GitHub](#)

- Developed a Kindle-inspired ebooks platform using MongoDB, Express.js, React, and Node.js.
- Designed a scalable architecture using MongoDB Atlas for efficient storage and retrieval of book data. Integrated PDF rendering capabilities to allow users to read books directly within the web application.
- Utilized Postman for robust API testing, ensuring reliable communication between frontend and backend. Implemented features for easy account creation, book browsing, and a user-friendly reading interface.

## Positions of Responsibility

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### Board Member, IEEE SIT SB, SIT TUMKUR

April 2022 – June 2024

- Helped organize events such as WIE Code and IdEEEas flagship event.

## Certifications and Achievements

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- Advanced DSA Live Training Program - [GeeksforGeeks](#)
- Participated in WIE CODE (2024), a 12-hour National level Hackathon held by IEEE
- CCNAv7: Introduction to Networks - [CISCO Networking Academy](#)
- Artificial Intelligence: Build 7 AI + LLM & ChatGPT - [SuperDataScience Team](#)