

# Ashwanth Kumar G

Information Technology Student | Fresher

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## 🎓 EDUCATION

2027  
Coimbatore      **Bachelor of Technology in Information Technology**  
Hindusthan Institute of Technology, Coimbatore  
CGPA: 8.3

## 💻 TECHNICAL SKILLS

### Frontend

- HTML5
- CSS3
- JavaScript

### Full-Stack Development (MERN)

### Data Structures & Algorithms

### Backend

- Node.js
- Express.js
- FastApi

### Programming Languages

- Java
- Python

### Database

- PostgreSQL
- MongoDB

### Tools & Platforms

- VS Code
- Git
- GitHub
- Postman
- Microsoft
- Word,
- Excel
- PowerPoint
- Google Sheets
- Google Docs

## 📜 CERTIFICATIONS

- Data Structures & Algorithms (Python & Java)
- Full Stack Web Development (MERN: HTML, CSS, JavaScript, Node.js, PostgreSQL)
- Java Programming Basics

## 🚀 PROJECTS

### HackRx 6.0 – AI-Powered Document Q&A Platform Team Project – Ranked Top 3% out of 3000+ teams

- Developed a **FastAPI backend** integrated with **LangChain + OpenAI/Gemini LLM** to answer queries from insurance policy documents.
- Implemented **document embedding & vector search** using **FAISS** for fast retrieval of relevant content.
- Built **PDF upload and query APIs** for real-time Q&A over uploaded policies.
- Created a **React frontend** for seamless user interaction.
- Ensured **data security & compliance** (HIPAA) while processing sensitive insurance data.

**Technologies:** FastAPI, Python, LangChain, FAISS, OpenAI/Gemini LLM, React, Mongoddb

### Portfolio Website

Developed a personal portfolio showcasing projects, skills, and experience using HTML, CSS, and JavaScript.

### Simon Game

Created an interactive memory game using JavaScript, focusing on DOM manipulation and event handling.

### Dice Game

Built a web-based dice game using JavaScript, incorporating animations and game logic for user interaction.

### Library Management System

Developed a Java-based system to manage book inventories and student records with features for issue, return, and fine calculation.

### Love Animation Web Project

Designed engaging web animations using HTML, CSS, and Mo.js to enhance user experience.

### MERN Stack Project

Developed a full-stack web application using MongoDB, Express.js, React.js, and Node.js, implementing user authentication and CRUD operations.

#### STRENGTHS

- Quick learner and highly adaptable
- Strong analytical and problem-solving skills
- Effective team collaborator and communicator

#### PERSONAL DETAILS

- Languages Known: English, Tamil, Telugu
- Hobbies: Coding, Animation, Problem Solving, Entertainment