

GANESH B

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EDUCATION

Global Academy of Technology

2022 - 2025

B.E - Information Science and Engineering - CGPA – 8.4

Bengaluru, Karnataka

Bapuji Polytechnic

2016 - 2020

Diploma in Computer Science and Engineering - **Percentage - 60%**

Davanagere, Karnataka

COURSE WORK

Data Structure and Algorithms
Programming in JAVA

Computer Networks
Artificial Intelligence

Web Development
Operating System

Machine Learning
DBMS & MongoDB

INTERNSHIP

Inspire Global Tech Solutions.

March/2025 – April/2025

Worked in the domain of AI/ML with a focus on NLP-based chatbot development.

Bengaluru, Karnataka

- Completed a project-based internship focused on Natural Language Processing (NLP) and chatbot development.
- Designed and implemented a **Rule-Based Ayurveda Chatbot** using **TF-IDF** and **Cosine Similarity** techniques.
- Utilized a Kaggle-sourced dataset to extract and match user queries with Ayurvedic remedies based on semantic similarity.
- Gained hands-on experience in NLP workflows, preprocessing, and chatbot logic using Python.

Techno Hacks Solutions Pvt. Ltd.

Sep/2024 – Oct. 2024

Basic File Handling & Creating a rest API Using JAVA Spring Boot.

Bengaluru, Karnataka

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PROJECTS

Ayurcare: AI-Driven Ayurveda Prescription and Wellness System HTML, CSS, JS | Flask | MySQL 10/2024-05/2025

- We developed an AI-powered healthcare web application that integrates traditional Ayurvedic principles with modern technologies. The system features a chatbot built using Natural Language Processing (NLP) and TF-IDF techniques to offer personalized Ayurvedic remedies based on user-input symptoms. It also includes facial emotion recognition using DeepFace and OpenCV to enhance user profiling and provide emotion-specific health recommendations. The application features a responsive web interface built with HTML, CSS, JavaScript, and Flask, ensuring a smooth and interactive user experience. Additionally, we applied rule-based logic and AI models to generate accurate and tailored Ayurvedic prescriptions and lifestyle suggestions.

Online Food Delivery Application (Frontend)

React Project

- I created the frontend of an online food delivery web application using React.js and custom CSS as part of a full-stack MERN project. The platform allows users to browse different food items, add them to a cart, and place orders. I focused on building a clean and responsive user interface from scratch without using any CSS frameworks. I also implemented user login and signup features, connected the app to backend APIs to fetch real-time data, and used React Context for managing the cart and user session. This project helped me strengthen my frontend development skills and gain hands-on experience with real-world application flow and API integration.

Full Stack – Employee Management System.

JSP, Apache Tomcat.

08/2024 – 09/2024

- Developed a system using Java Server Pages (JSP) and Servlets with two separate login pages: one for Admin users and another for Employees. The system supports full SQL operations, allowing users to insert, delete, and update data through the frontend interface. Designed the frontend with custom CSS to create a responsive and accessible web design across various devices. The project is hosted on an Apache Tomcat server, enabling both Admin and Employee users to log in and interact within the system, facilitating communication between the two through the platform.

Paytm-like Payment Application.

MERN Stack

- Developed a Paytm-like payment application using the MERN stack, enabling user sign-up, sign-in, and secure transaction functionalities. Implemented authentication with JSON Web Tokens (JWT), storing tokens in local storage for seamless user sessions. The dashboard features user balance display and a searchable friend list by first name, along with a money transfer feature between users. Designed a responsive and intuitive frontend using React.js and Tailwind CSS. Built a scalable backend with Express.js and Node.js, and utilized MongoDB for efficient data storage and management.

Publications

“Ayurcare: AI-Driven Ayurveda Prescription and Treatment Recommendation System”

International Research Journal of Engineering and Technology (IRJET), Volume 12 Issue 04, Apr 2025

- ✓ Published research on an AI-based web system integrating symptom analysis and facial emotion recognition to generate personalized Ayurvedic treatments.
- ✓ Focused on combining ancient medicinal knowledge with modern AI tools to support holistic healthcare practices.
- ✓ <https://www.irjet.net/archives/V12/i4/IRJET-V12I4281.pdf>

TECHNICAL SKILLS

Frontend Technologies: HTML, CSS, JS, React JS, Tailwind-CSS.

Programming Languages: Java, JavaScript, SQL, MongoDB, Python, JSP, Hibernate.

Developer Tools: VS Code, Eclipse IDE, MySQL Workbench, MongoDBCompass.

Technologies/Frameworks: Express.js, Node.js, Spring Boot.

CERTIFICATIONS

NPTEL: Programming in Java with 67%

100xDevs : Certificate Of Achievement (Full Stack Web Development)

Hacker Rank: Java, SQL