Hanamanth Chimmalagi

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SUMMARY

INNOVATIVE SOFTWARE ENGINEER WITH A STRONG FOUNDATION IN PROGRAMMING AND PROBLEM-SOLVING.
PROFICIENT IN MULTIPLE PROGRAMMING LANGUAGES AND DEVELOPMENT TOOLS.
EXPERIENCED IN FULL-STACK DEVELOPMENT AND SOFTWARE TESTING.
PROVEN ABILITY TO DESIGN AND IMPLEMENT SCALABLE, EFFICIENT, AND MAINTAINABLE SOFTWARE SOLUTIONS.
PASSIONATE ABOUT STAYING UP-TO-DATE WITH EMERGING TECHNOLOGIES AND COLLABORATING WITH CROSS
FUNCTIONAL TEAMS TO DELIVER CUTTING-EDGE PRODUCTS.

EDUCATION

MVJ College Of Engineering   Bengaluru, India
Bachelor of Engineering - Computer Science and Engineering; GPA: 8.25   *December 2022-April-2026*
Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Computer Networking, Database Management System, Blockchain Technology, Cloud Computing with Full stack*

SKILLS SUMMARY

- **Languages**:   JAVA,Python,HTML,CSS,JavaScript
- **Tools**:   MySQL,MongoDB,GIT
- **Platforms**:   VS Code,Jupyter Notebook,Eclipse
- **Soft Skills**:   Leadership, Event Management, Public Speaking, Time Management

CERTIFICATIONS

- **DSA in Java Programming Certification – Apna College**: Successfully completed a DSA in Java programming certification offered by Apna College, demonstrating proficiency in object-oriented programming, data structures, and application development.
- **Full stack Web Development-**Apna College: Successfully completed a Full stack Web Development certification offered by Apna College learning about HTML, CSS, JavaScript and MERN Stack.

PROJECTS

- **AI-Driven Smart Heritage Tourism Guide:**
  Developed an AI-powered tourism assistant capable of recognizing Indian monuments using a custom-trained CNN model on a curated image dataset. Integrated multilingual text-to-speech functionality to provide spoken historical information for accessibility. Incorporated a chatbot for interactive user engagement, enabling follow-up questions based on the recognized monument. Designed a user-friendly React-based frontend and Flask API backend for seamless image upload, classification, and real-time response. (present)

- **Event Management System With AI-Assistant**: https://github.com/Hanamanth-28/Event-ai

  Developed a smart event planner that uses AI to recommend optimal arrangements based on user inputs like event type, number of attendees, budget constraints, and location. Integrated a conversational AI assistant for guided planning and real-time suggestions. Leveraged cloud services for scalable data storage and accessibility, enabling multi-user collaboration and remote access through a web-based interface. (April-2025)

- **Smart Agriculture System using IoT and CSE Integration**: https://github.com/Hanamanth-28/soil-ph-and-moisture-monitor

  Developed an IoT-based smart agriculture system integrating soil moisture and pH sensors to sense and amend water and mineral percentage based on real-time . Where a user can sense the soil condition (pH and moisture) along with the specific crop and make amendments according to the specific conditions. Tech: UNO Board, IoT, Python, HTML,CSS (May - 2025)

HONORS AND AWARDS

- Participation in Ideathon, November - 2024
- Participation in Flutter App Development, April - 2025

VOLUNTEER EXPERIENCE

VTU Level Sports Event   Bengaluru, India
Organized a VTU-level sports event, managing coordination, logistics, and athlete engagement.   *Jan 2024*

e-Sports Event - MVJ College of Engineering   Bengaluru, India
Organized an e-Sports event, handling tournament setup, registrations, and execution.   *Oct 2023*