

KARTHIK KADAM

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Davangere, Karnataka

EDUCATION

Bachelor of Engineering in Computer Science and Engineering CGPA - 8.00/10.00 Bapuji Institute of Engineering and Technology	Oct 2021 – May 2025 Davangere, KA
12th / Inter 73% Sri Siddaganga PU College	Jul 2019 - Jul 2021 Davangere, KA
10th / Matriculation 65% MKET'S L K English Medium School	Jul 2018 - May 2019 Harihar, KA

WORK EXPERIENCE

Software Engineer (Full-Time) IngestLab - Developed and maintained backend APIs Integrated AI in different aspects of their product	July 2025
Intern IngestLab - Architected and deployed Model Context Protocol (MCP) servers - Achieved product mastery through hands-on development	April 2025

TECHNICAL SKILLS

Languages : Python, Java
Frameworks : Flask, MCP, node.js
Databases Known : Mongo DB, MySQL

PROJECTS

- Pip Manager** | Python, Tkinter, Pkg resources
- Designed a GUI tool for managing pip installations efficiently
 - Features include **sorting package by date, time, and size**
 - Helps developers simplify installation, uninstallation, and version management

- Code Studio: AI-Powered Development Environment** | Express.js, WebSocket, TensorFlow.js
- Implemented AI-assisted code completion and error analysis using **Google's Gemini** (online) and **local Olama Model** (offline)
 - Built a real-time collaborative code editing system with **WebSocket** for seamless pair programming
 - Developed an integrated compiler supporting multiple languages with terminal emulation and Git integration

- House price prediction** | Flask, Numpy, Pandas, Sklearn
- Built a web app to predict house prices using factors like location, size, and market trends
 - Used Random Forest for price forecasting, achieving **83% accuracy**
 - Used NumPy and Pandas for performing mathematical operations and file operations
 - Enabled real-time user input and data visualization through a Flask-based interface

COURSES AND CERTIFICATIONS

Develop GenAI Apps with Gemini and Streamlit | Credly ([Link](#))

Prompt Design in Vertex AI | Google ([Link](#))

Getting Started with Artificial Intelligence | Credly ([Link](#))

LEADERSHIP & ACHIEVEMENTS

2nd Place At Collage Final project Exhibition

Feb 2025

Bapuji Institute of Engineering and Technology

Davangere, KA

- The **second project** in my projects was the project
- I was awarded by our Hod with a certificate and cash price

College Competition Website

Oct 2024

Bapuji Institute of Engineering and Technology

Davangere, KA

- Designed and developed the Code Quest 1.0 website for an inter-college competition, enabling **over 100 student registrations** for multiple events
- Coordinated with participants and managed event logistics for smooth competition execution