

Abhishek Gupta

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CAREER OBJECTIVE

Aspiring AI/ML and software developer seeking a challenging role to apply problem-solving skills, full-stack expertise, and ML knowledge in building scalable, AI-driven solutions for optimized system efficiency.

EDUCATION

B.E. | Artificial Intelligence and Machine Learning

2022 – 2026 | Bangalore

BMS College of Engineering (Affiliated to VTU University), Bangalore (Agg. 9.04 CGPA)

Shivalik Cambridge College

2017 – 2022 | Agra

Higher Secondary, Science (Grade: XII - 95.2%)

Secondary, 10th board (Grade: X – 89.4%)

TECHNICAL SKILLS

Programming & Development: Java, Python, C, JavaScript, HTML, CSS, Node.js, Express.js, React.js

Databases: MySQL, MongoDB, PostgreSQL

Machine Learning & Deep Learning: Supervised & Unsupervised Learning, Neural Networks (CNN, RNN)

Frameworks and Libraries: Node.js, Express.js, React.js, Flask, Streamlit, TensorFlow, Keras, OpenCV, Scikit-learn, NLTK, Pickle, Pandas, Numpy, Sympy, NLP

Tools: Git, GitHub, Postman, Power Bi, Tableau, Ubuntu, Linux, VS Code, PyCharm

PROJECTS

Food Lens [\[Photo\]](#) [\[Git\]](#) | Personal Project

- Developed a full-stack AI-powered web application to evaluate the healthiness of food products based on ingredients and quantities, aimed at promoting ingredient transparency and health awareness.
- Built a responsive website using React, HTML, CSS, and JavaScript with user authentication and session management via Clerk. Integrated image and text input functionalities for product analysis, utilizing deep learning for image classification.
- Implemented web scraping and Gemini API to dynamically fetch and analyze ingredient data against a custom-rated dataset.
- Technologies:** React, Clerk, HTML, CSS, JavaScript, Python (TensorFlow, Keras, deep learning), web scraping.

InnerCalm [\[Photo\]](#) [\[Git\]](#) | Personal Project

- Developed a full-fledged mental health support website with integrated tools and resources for users.
- Included an AI-powered chat and voice assistant bot for emotional support and casual conversations.
- Built a scalable, responsive frontend using React and a robust backend with Flask and Python, applied Natural Language Processing (NLP) techniques to enhance conversational capabilities.
- Technologies:** React, Flask, Python, HTML, CSS, JavaScript, NLP, PostgreSQL, Gemini API.

Gemini-Clone [\[Photo\]](#) [\[Git\]](#) | Personal Project

- Created a prompt-generation system mimicking Gemini assistant functionality using AI and real-time updates.
- Integrated Google APIs for dynamic data fetching and implemented a responsive user interface.
- Built a robust development environment using npm and modular JavaScript.
- Technologies:** JavaScript, HTML, CSS, React, npm, Google API.

EXTRA-CURRICULAR ACTIVITIES

Institution's Innovation Council (IIC), BMSCE

- Director** – Innovation & Business Administration 10/2023–10/2024 | Bangalore
 - Club Director:** Coordinated and organized multiple successful events, enhancing planning skills and building professional connections.
 - College Fest Coordinator:** Led and managed events, improving organizational and soft skills.

TruBuddies

- Research and Development Manager** 03/2024–06/2024 | Bangalore
 - Managed R&D at Trubuddies(A mental health startup).
 - Joined the core team, overseeing all early-stage operations and strategic planning.

ACHIEVEMENT

- Secured **5th place** in the **Cisco Forecast League**, showcasing expertise in data-driven forecasting and analytical problem-solving.

- Achieved **3rd place (Bronze Medal)** at the state level and **15th rank** nationally in the International Robotics Competition (IRC) by **Avishkaar**.