

BHOLA YADAV

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CAREER OBJECTIVE:

A motivated Computer Science Engineering student at CMR Institute of Technology with a strong foundation in programming, and machine learning. Skilled in Java, Python, and JavaScript, with hands-on experience in AI-driven and Generative AI projects. Eager to apply technical skills to build innovative Generative AI solutions while continuously learning emerging technologies.

EDUCATION AND QUALIFICATIONS:

- Bachelor of Engineering in Computer Science and Engineering**

CMR Institute of Technology, Bangalore

CGPA: 7.2/10, 2027 (Pursuing)

- 12th Grade-Science (Technical and Vocational)**

Shree Susanskrit Secondary School, Siddharthanagar-13, Rupandehi, Nepal

78%, 2021

- 10th Standard (Technical and Vocational)**

Shree Susanskrit Secondary School, Siddharthanagar-13, Rupandehi, Nepal

80%, 2019

TECHNICAL SKILLS:

- Programming Languages:** Python, JavaScript/TypeScript, java, C++

- Frameworks & Libraries:** React.js, Node.js, ExpressJS,

- Databases:** MySQL, MongoDB, MariaDB

- Tools & Platforms:** Git, GitHub, VS Code, Firebase, FastAPI, CI/CD, Docker, Agentic-AI Integration

- Coding Platform:** takeuforward.org/profile/bhya23cse@gmail.com

PROJECTS:

- AI-Based Code-Debugger - DebugVerse**

- Built a full-stack code debugger with FastAPI and ReactJS, using Gemini API for real-time AI-powered debugging.
- Supported multi-language input (Python, Java, C++) with markdown-based fixes and secure input via dotenv.
- Designed responsive UI with live editor, syntax highlighting, and smooth API communication via CORS Middleware.

- AI-Powered Chat-bot Healthcare - CareMate-AI**

- Developed a chat-bot using Streamlit and Generative-AI's Gemini API to provide real-time responses to user queries.
- Added predefined responses for frequent queries, reducing API calls by 30%, improving response time.

- Designed an interactive chat UI with dynamic message rendering and state management using Streamlit.
 - **Real-Time Chat Application - JLiveChats**
 - Built a Java-based real-time chat application with a client-server architecture.
 - Implemented Java Sockets for real-time messaging and multi-user communication.
 - Used Abstract Window Toolkit and Swing for a responsive user interface.
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INTERNSHIP EXPERIENCE:

- **Company:** Prasunet Company

Duration: Mar 2025 – Apr 2025

Designation: AI Code Debugger Intern

- Built a code debugging tool using Next.js, Hugging Face, and Tailwind CSS.
- Deployed cloud-based scalable infrastructure.

- **Company:** Edunet Foundation

Duration: Jan 2025 – Feb 2025

Designation: AI: Transformative Learning with TechSaksham

- Developed an AI chat-bot for health diagnosis using Python, NLP, and Streamlit.
- Planned future integration of voice recognition and chat logging.

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

- **Online Courses and Certifications:**

- Flipkart GRID 6.0 Participant – Unstop
- React E-Commerce Platform Masterclass – Scaler
- Web-development Internship Certificate – Prodigy Infotech
- Azure 303 for Beginners – Microsoft
- JavaScript Full-Stack Development - Udemy
- Full-Stack Web Development Mastery – Udemy
- Programming with JAVA – NPTEL

Personal Details:

Date of Birth	: 12th July, 2001
Gender	: Male
Nationality	: Nepali
Permanent Address	: Marchwari-03, Rupendhi, Nepal -32900
Linguistic Competency	: English, Hindi, Nepali
Hobbies	: Travelling, Playing