

SACHIN KUMAR

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Summary

Computer Science Engineering student with hands-on experience in **Software Development, AI/ML, and Full-Stack Web Development**. Proven ability to design, develop, and deploy real-world applications through internships at **Microsoft, IBM, and EY**.

Technical Skills

Languages: C++, Python, JavaScript

Web Technologies: HTML5, CSS3, React, Node.js, Express.js, MongoDB

AI / ML: Machine Learning, Deep Learning, CNNs, TensorFlow, NLP

Tools: Git, GitHub, Postman, VS Code

Experience

Front-End Intern

Aug 2025 – Oct 2025

IBM SkillsBuild, Edunet Foundation & AICTE

- Designed and developed responsive web pages using HTML, CSS, and JavaScript, improving page load time by 30%.
- Enhanced UI/UX consistency and accessibility while ensuring cross-browser compatibility.
- Optimized frontend code structure to improve performance and maintainability.

AI Intern

Apr 2025 – May 2025

Microsoft, Edunet Foundation & AICTE

- Developed a CNN-based sign language detection system for real-time gesture recognition.
- Achieved 95% accuracy through data preprocessing, model tuning, and validation.
- Applied computer vision techniques using Python and TensorFlow.

MERN Stack Intern

Feb 2025 – Mar 2025

EY Global Delivery Services, Edunet Foundation & AICTE

- Built a full-stack MERN food delivery application with secure authentication and RESTful APIs.
- Integrated frontend and backend components to ensure seamless user experience.

Projects

Personal Portfolio Website | HTML, CSS, JavaScript

- Developed a mobile-first personal portfolio to showcase projects, skills, and experience.
- Implemented smooth animations and optimized asset loading for better performance.
- GitHub | Live

Sign Language Detection System | Python, TensorFlow

- Created a real-time CNN-based sign language recognition system.
- Improved model accuracy through feature extraction and hyperparameter tuning.
- GitHub

Food Delivery Web Application | MERN Stack

- Developed a scalable food delivery platform with real-time order tracking.
- Designed REST APIs and interactive frontend interfaces.
- GitHub | Live

Education

B.Tech in Computer Science and Engineering

2023 – 2027

Sityog Institute of Technology, Aurangabad

CGPA: 7.49

Certifications

- **C++ Essential – Cisco (Jul 2025):** Strengthened fundamentals of object-oriented programming and problem-solving.
- **AI Fundamentals – Coursera (Mar 2025):** Gained foundational knowledge of machine learning, neural networks, and AI applications.
- **Web Development Training – Internshala (Feb 2025):** Hands-on training in HTML, CSS, JavaScript, and backend fundamentals.