Kshitij Kashyap

Originally from Nagpur, currently pursuing a B.Tech in Computer Science and Engineering

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Summary

I am a highly motivated Computer Science and Engineering student with a strong foundation in machine learning, full-stack development, and data science. Passionate about solving real-world problems, I have worked on diverse projects ranging from AI-powered e-commerce recommendations to blockchain-secured healthcare solutions. My expertise spans programming, machine learning, web app development, UI/UX design. As a member and a leader in multiple technical communities, I excel in collaboration, problem-solving, and innovation. With a keen interest in research and patents, I am eager to use my skills and technology to create impactful solutions.

Education

B.Tech in CSE	Shri Ramdeobaba College of Engineering and Management, Nagpur	2022 - 2026	**CGPA**: 9.92
12th Standard CBSE	Bharti Krishna Vidya Vihar, Nagpur	2021 - 2022	**Percentage**: 92.4
10th Standard CBSE	Bharti Krishna Vidya Vihar, Nagpur	2019 - 2020	**Percentage**: 94.4

Skills

- **Programming Languages**: C, C++, Java, Python, R
- **UI/UX Design**: Figma
- **Web Development**: HTML, CSS, JavaScript, React JS, Angular, Flask
- **CS Core**: Data Structures, CAO, OS, DBMS, CN, CD
- **Data Processing:** SQL, PL/SQL, Pandas, NumPy, Data Visualization
- **Machine Learning:** scikit-learn, TensorFlow
- **Version Control:** Git, Github
- **Soft Skills:** Problem Solving, Communication, Team Collaboration, Leadership

Extra Curricular Activities

- **Technical Team Member - ACM RBU Chapter**
  Sep 2023 - Aug 2024
  Contributed to multiple technical projects and collaborated on organizing coding events.
- **Director Technical - Rotaract RBU**
  Mar 2024 - Present
  Managed tech infrastructure for community outreach programs and events. Created Rotaract RBU Website.

Projects

- **EchoMart: E-Commerce Platform** - Link
  Developed an e-commerce platform featuring ML-powered personalized recommendations, chatbot support, and an intuitive admin panel. Focused on optimizing server-side computations for efficient recommendation generation and enhanced user experience.
- **Celebrity Image Classifier Using ML Model** - Link
  Created an ML model to classify celebrity images using a custom dataset. Deployed the model with a Flask server and built a user-friendly interface for real-time predictions. Demonstrated full-stack development skills in an end-to-end project.
- **Land Price Predictor Using ML Model** - Link
  Developed a machine learning model to predict land prices based on various influencing factors. Utilized web scraping techniques to gather data and performed exploratory data analysis (EDA) with pandas. Visualized data using matplotlib and seaborn, and built the model using sklearn.
- **ChatMate - Chatroom Application** - Link
  Built a real-time chatroom app using Flask, Socket.IO, and JavaScript. Enabled interactive communication with users in a secure, scalable environment. Demonstrated expertise in full-stack web development and real-time data handling.

Certifications

- **Google**: Data Analysis with R Programming
- **Google**: Foundations of Cyber Security
- **AWS**: Cloud Foundations
- **Harvard**: Research Using Python
- **IBM**: Deep Learning Fundamentals with Keras
- **LinuxFoundationX**: Blockchain: Understanding its Uses and Implications
- **IBM**: Web Development with HTML5, CSS3, and JavaScript
- **Cisco**: Networking Basics
- **Cisco**: English for IT

Publication

Patent Published: Smart Health and Posture Enhancing (SHAPE) Chair - Application No: 202421100271

Awards

Merit Scholarship Award: Awarded merit scholarship in 12th standard, 2nd and 3rd Year of Engineering

Languages

Hindi (Native)	**English** (Fluent)	**Marathi** (Conversational)