HARSH GARG

Rishikesh | ✉ gargharsh750@gmail.com | 📞 7409567540 | in LinkedIn ○ GitHub

Education

B. Tech (CSE) VIT Bhopal University	**CGPA: 8.96**	**Bhopal**	*|2026/MAY|*
Intermediate, DSB International Public School	**94.4%**	*Rishikesh*	*|2022/JUNE|*
High School, DSB International Public School	**97.4%**	*Rishikesh*	*|2020/JUNE|*

Skills

Languages: C++, HTML, CSS, SQL, JAVA
Framework & Library: React.js, shadcn, Radix UI, Prebuilt UI, Tailwind CSS
Database: MySQL, MongoDB
Tools: GIT, GitHub, Vs Code, Vercel

Technical Projects

GREENCART | MERN Stack (MongoDB, Express.js, React.js, Node.js) |

Developed and deployed a scalable grocery delivery web app with product browsing, cart management, and order tracking, ensuring smooth end-to-end user interaction.

Built a responsive React UI with efficient state management and JWT-based authentication, securing 100% of user sessions and improving page performance.

Optimized RESTful APIs using Express.js and Node.js, reducing response time from 350 ms → 200 ms through caching and query optimization, and cut deployment effort by 50% via Vercel integration.

ONCO-CAST |Python, TensorFlow, Scikit-learn, OpenCV, Matplotlib| *2024/NOV -2024/DEC|*

Engineered a deep learning model for skin cancer detection, achieving 95% accuracy using the HAM-10000 dataset and convolutional neural networks, enhanced diversity through RGB and grayscale preprocessing techniques.

Implemented data augmentation, dropout regularization, and adaptive learning rate strategies during skin cancer model training, improving model sensitivity by 7% based on the image dataset

BLABBERBOT |HTML, CSS, JAVASCRIPT (Frontend) |

Developed an interactive communication assistant enabling non-verbal users to express themselves via real-time text-to-speech, assisting 50+ simulated users in testing.

Integrated multi-accent voice options (US, UK, Indian) with 95% speech accuracy using browser-native APIs and event-driven scripting, reducing latency by 40%.

Extracurricular & Experiences

Data Analysis Intern – Prodigy InfoTech: Completed a one-month remote internship, performing exploratory data analysis (EDA), visualization, and insight generation using Python Excel, improving decision-making accuracy.

Cooking and Feasting Club: Core Technical Team Member, : Led event operations and managed logistics for 2+ large-scale culinary competitions, enhancing event reach and participant engagement by over 30%.

Volunteer – Pahal Initiative: Taught underprivileged students' basic mathematics and logical reasoning, fostering educational growth and improving numerical understanding for 20+ learners.

Achievements

Onco-cast: Led a team of 5 to develop an AI-based skin cancer detection model; recognized as the top performer for delivering high-impact solutions and ensuring project success.

Project Lead - Multimodal Chatbot for PDFs: Led a team of 4 to design and implement a PDF-based multimodal chatbot using NLP techniques, recognized as a top performer for delivering scalable, scalable results.

Certifications

AWS Solutions Architect – Associate certification, ETHNUS   Mern Full Stack Certification, ETHNUS

Languages & Interests

English, Hindi

Web Surfing, Cooking, Painting, Speaking, Presentation skills, Problem-solving challenges and logical games