

Khushal kumar sahu

Portfolio: <https://ports-beige.vercel.app/>
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EDUCATION

- Jaypee University of Engineering & Technology (JUET)** Guna, India
• *Bachelor of Technology -computer science and engineering; GPA: 8.86* *july 2023 - June 2027*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

SKILLS SUMMARY

- **Languages:** Python, JavaScript, C++, Java, SQL, HTML5, CSS3, XML
- **Frontend:** React.js, Tailwind CSS, Bootstrap, HTML5, CSS3, Framer Motion, Web Speech API
- **Backend:** Node.js, Express.js, Flask, Firebase, REST APIs
- **Frameworks & Libraries:** scikit-learn
- **Databases:** MongoDB, MySQL, SQLite, Firebase Realtime DB
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Netlify, Vercel, Google Cloud
- **Soft Skills:** Leadership, Public Speaking, Event Management, Technical Writing, Time Management, Team Collaboration

PROJECTS

- **Wellero – Full-Stack Medical Care Platform (Healthcare, MERN):** Built a responsive health-tech platform enabling users to schedule appointments, access medical info, and receive real-time health updates. Integrated secure backend APIs for patient-clinic communication, dynamic routing, and data handling.
Tech Stack: ReactJS, Node.js, Express.js, MongoDB, JavaScript, TailwindCSS, Framer Motion
[Live Preview](#)
- **Alpha Quiz – MCQ WebApp with Auth, Leaderboard Certificate (React + Firebase):** Developed a dynamic quiz application supporting secure authentication, real-time MCQs, live leaderboard, and automatic certificate generation post-quiz. Focused on modular code structure and fully responsive UI.
Tech Stack: ReactJS, Firebase, HTML5, CSS3, JavaScript
[Live Preview](#)
- **ReadyBoss – Full-Stack Resume Job Tracker (MERN, Real-Time APIs):** Designed and deployed a full-stack platform to manage job applications, resume versions, and status tracking with real-time API updates. Implemented JWT authentication, role-based routing, and responsive UI with React and Tailwind.
Tech Stack: ReactJS, Node.js, Express.js (13+), MongoDB, JWT, TailwindCSS, REST APIs, Vercel, Render
[Live Preview](#)
- **Robota – AI Voice Assistant WebApp (React + Gemini API):** Implemented an AI-powered voice assistant capable of answering queries, navigating UI elements, and maintaining real-time conversations using Gemini API and Web Speech API. Designed with interactive animations and conversational UI.
Tech Stack: ReactJS, Gemini API, Web Speech API, CSS3
[Live Preview](#)

ACHIEVEMENTS

- **Hackathon Participation – Hacksagon, IIIT Gwalior:** Built a Resume Tracker web app during the Hacksagon Hackathon using React and JavaScript. Focused on intuitive UI and performance tracking. Contributed to frontend and UX.
- **Google Developer Group (GDG) – Solution Challenge:** Contributed to the development of 'Wellora', a healthcare web platform to improve access to medical services. Built with React, JavaScript, and Framer Motion. Focused on responsive design and smooth UX.
- **LeetCode Problem Solving:** Solved 60+ problems covering arrays, strings, recursion, and linked lists to enhance problem-solving and frontend logic skills.
- **Certification – NIPAM (Govt. of India):** Completed National Intellectual Property Awareness Mission (NIPAM) certification under the Ministry of Commerce and Industry, Government of India, conducted by CGPDTM.

HONORS AND AWARDS

- **Taree Zameen Par – Internship Certificate** *June 2025*
Successfully completed an international-level internship focused on web development and frontend engineering.
[View Certificate](#)
- **Hacksagon Hackathon – IIIT Gwalior** *June 2025*
Participated in Hacksagon Hackathon and developed a Resume Tracker web app with focus on UI/UX and performance features.
[View Certificate](#)
- **National Intellectual Property Awareness Mission (NIPAM)** *April 2025*
Certified under NIPAM initiative by the Office of CGPDTM, Ministry of Commerce and Industry, Govt. of India.
[View Certificate](#)