

Khushal kumar sahu

Portfolio: <https://ports-beige.vercel.app/>
Github: <https://github.com/khushalkks>

Email: kkskumarsahu31@gmail.com

Mobile: +91-8081267564

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 (MERN):**

- Built a scalable healthcare platform for appointments and patient-clinic communication.
 - Implemented secure authentication and optimized MongoDB-backed REST APIs.
 - Enhanced UI/UX with responsive design, animations, and mobile-first approach.

Tech: React, Node.js, Express, MongoDB, Tailwind, Framer Motion

- **ReadyBoss – Resume & Job Tracker (MERN):**

- Developed a job tracking platform with resume versioning and application status.
 - Implemented JWT authentication and protected routes.
 - Deployed scalable services using Vercel and Render.

Tech: React, Node.js, Express, MongoDB, JWT, Tailwind

- **AI-Based Fake News Detection Platform (MERN + NLP):**

- Built an AI-powered web app using a Hugging Face transformer for fake news classification.
 - Integrated Python AI microservice with MERN backend for real-time inference.
 - Implemented OTP-based authentication and admin analytics dashboard.

Tech: React, Node.js, MongoDB, Python, Hugging Face, Tailwind

ACHIEVEMENTS

- **Hackathon Finalist – Hacksagon, IIITM Gwalior:** Designed and developed a Resume Tracker web application within 36 hours using ReactJS and JavaScript. Implemented an intuitive UI with performance analytics to track job applications, contributing significantly to the frontend architecture and UX design.

[View Certificate](#)

Walmart Sparkathon 2025

March 2025

Engaged in Walmart's premier innovation challenge, contributing to the design and prototyping of impactful technology solutions within a competitive, team-driven environment.

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- **Competitive Programming – LeetCode:** Solved **200+ algorithmic problems** covering arrays, strings, recursion, and linked lists, enhancing logical reasoning, time complexity optimization, and frontend data handling skills.
- **Certification – NIPAM (Govt. of India):** Earned the National Intellectual Property Awareness Mission (NIPAM) certification under the Ministry of Commerce and Industry, Government of India, conducted by CGPDTM. [View Certificate](#)

HONORS AND AWARDS

- **Taree Zameen Par – Internship Certificate**

June 2025

Successfully completed an international-level internship focused on web development and frontend engineering.

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