

Karan Kumar Sah

B.Tech 4th Year | Developer | Student

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📍 Godda, Jharkhand – 814160, India



Driven Computer Science student with full-stack web development skills, passionate about building impactful web applications.

📁 SKILLS

Languages:	Java, C, Python, HTML/CSS, JavaScript
Frontend:	Next.js (React), Tailwind CSS, Bootstrap
Backend:	Spring Boot, Spring MVC, RESTful APIs, Servlets, JDBC, Microservices
Databases:	Firestore, MongoDB, MySQL, SQL
DevTools:	Git, GitHub, VSCode, IntelliJ, Docker, Vercel, postman, Vapi
Other Skills:	Linux, TensorFlow, Keras, NumPy, Pandas, Matplotlib
Languages Known:	English, Hindi
Extras:	Analytics using Power BI

📁 WORK EXPERIENCE AND PROJECTS

Jul '23 – Sep '23	YHills <i>Remote</i> <ul style="list-style-type: none">• Created E-commerce Frontend.• Developed an Educational Landing Page.• Implemented Authentication System.
Jun '24	Project Management System – GitHub <ul style="list-style-type: none">• I developed a full-stack project leveraging modern technologies.• On the frontend, I utilized React with ShadeCDN and Vite for efficient module loading.• On the backend, I implemented a robust solution using Spring Boot, Maven, and REST APIs.• Seamless integration between frontend and backend was achieved through Redux, ensuring efficient state management and a cohesive user experience.
Apr '25	SSP-Net: Medical Image Enhancement – Kaggle <ul style="list-style-type: none">• Developed a deep learning model (SSP-Net) to enhance low-quality microscopic medical images.• Utilized an unpaired grayscale image dataset from the CORN-2 dataset for training and validation.• Implemented using TensorFlow and Keras with evaluation based on Entropy, Avg Gradient, SSIM, AUC and Dice metrics.
Aug '23	Sigma Plus – GitHub, Preview <ul style="list-style-type: none">• Developed a modern, responsive landing page for an educational institution using HTML, CSS, and JavaScript.• Integrated Formspree for seamless email handling to enhance user interaction and communication with prospective students.

🎓 EDUCATION

• B.Tech in CSE, 4th Year at KIIT DU	2022–Present
CGPA: 8.17 (6th Semester)	

+ SUMMARY

Motivated Computer Science student seeking opportunities to expand skills and gain industry experience. Dedicated to delivering high-quality work and contributing meaningfully to team goals.