

# 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

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

## 📁 WORK EXPERIENCE AND PROJECTS

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

## ⚙️ CERTIFICATIONS

ServiceNow Certified System Administrator (CSA) Issued by ServiceNowMay 2025 – [Preview](#)

## 🎓 EDUCATION

• **B.Tech in CSE, 4th Year at KIIT DU** 2022–Present  
CGPA: 8.38 (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.