

# GARIMA JHA

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## EDUCATION

<b>Banasthali Vidyapith, Rajasthan</b> <i>Bachelor of Technology in Electronics and Communications</i>	July 2023 – June 2027 CGPA: 7.8
<b>Indus Valley Public School, Noida</b> <i>Class 12 (CBSE)</i>	Apr 2022 – May 2023 Percentage: 78%
<b>Indus Valley Public School, Noida</b> <i>Class 10 (CBSE)</i>	Apr 2020 – May 2021 Percentage: 97%

## EXPERIENCE

<b>National Fertilizers Limited</b> <i>Summer Intern</i>	May 2024 – June 2024
<ul style="list-style-type: none"><li>Successfully created <b>Employee DataFlow</b>, an <b>automated employee data management system</b> featuring <b>employee details, salary, and leave tracking modules</b>.</li><li>Streamlined workflows using <b>HTML, CSS, Java, SQL and Tomcat Apache</b> ensuring scalable and efficient application performance.</li></ul>	

## TECHNICAL SKILLS

**Languages/Frameworks:** Python, C, SQL, HTML, CSS, Streamlit  
**Software Tools:** GitHub, VS Code, MATLAB, Figma, Canva  
**Libraries:** TensorFlow, OpenCV, Scikit-learn, Tesseract OCR, NLP, Pillow, YOLO, Matplotlib

## PROJECTS

<b>Employee DataFlow</b>   <i>HTML, CSS, Java, SQL, Tomcat Apache</i>
<ul style="list-style-type: none"><li>Developed a <b>web-based employee management system</b> automating salary, leave, and personnel data for <b>500+</b> employees, reducing manual efforts by <b>60%</b>.</li><li>Utilizing technologies such as <b>HTML, CSS, Java, JSP, Tomcat Apache</b>, and <b>Oracle SQL</b>, the project facilitates efficient <b>data entry, storage, and retrieval processes</b> through <b>user-friendly forms</b> and <b>dynamic web pages</b>.</li></ul>
<b>OCR and Document Search System</b>   <i>Python, Tesseract OCR, NLP, Pillow, Streamlit</i>
<ul style="list-style-type: none"><li>Built a <b>Bilingual OCR and Document Search System</b> with <b>95%+</b> text recognition accuracy, processing over <b>100 documents/hour</b> in <b>Hindi and English</b>.</li><li><b>Enhanced search efficiency</b> by <b>40%</b> through advanced indexing and retrieval methods.</li></ul>

## CERTIFICATIONS

Google Analytics for Beginners  
Goldman Sachs's Software Engineering on Forage  
W.H.O. Ethics and Governance of Artificial Intelligence for Health  
Machine Learning using Python, NIELIT

## ACHIEVEMENTS

Winner of **Smart India Hackathon** (College Level).  
Selected for **HPAIR Harvard Conference 2025**.  
Solved **100+ Algorithm Based Problems** across various globally recognized online coding platforms.

## LEADERSHIP/EXTRACURRICULAR

**Program Manager** at Node Brew  
**Content Creator** at OScode Banasthali Vidyapith Chapter