

# 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 automated employee data management system 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

**Employee DataFlow** | *HTML, CSS, Java, SQL, Tomcat Apache*

- Developed a **web-based employee management system** automating salary, leave, and personnel data for **500+** employees, reducing manual efforts by **60%**.
- Utilizing technologies such as **HTML, CSS, Java, JSP, Tomcat Apache**, and **Oracle SQL**, the project facilitates efficient **data entry, storage, and retrieval processes** through **user-friendly forms and dynamic web pages**.

**OCR and Document Search System** | *Python, Tesseract OCR, NLP, Pillow, Streamlit*

- Built a **Bilingual OCR and Document Search System** with **95%+** text recognition accuracy, processing over **100 documents/hour** in **Hindi and English**.
- Enhanced search efficiency** by **40%** through advanced indexing and retrieval methods.

## 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