

RUCHI KUMARI

OBJECTIVE

To be associated with a dynamic and progressive organization that will allow me to utilize my abilities and qualification in the field to add value to the organization will providing me with opportunities for growth.

PROJECTS

Quantum secure email client application

- Developed a Python-based email client with integrated Quantum Key Distribution (QKD) for secure communication.
- Utilized libraries like NumPy, Pandas, SciPy, and OpenCV for data handling and visualization.
- Ensured end-to-end encryption using quantum-safe algorithms to protect against interception and data breaches.

Plant leaf disease detection

- Implemented a disease detection system using OpenCV for image processing and TensorFlow for classification.
- Processed plant leaf images to identify diseases through trained ML models.
- Automated diagnosis improved agricultural productivity and early intervention.

Book on Finger Tips

- Created a static website using C++, HTML, and CSS to provide access to academic books, notes, and competitive materials.
- Organized content into categories for seamless navigation.
- Designed for students to easily retrieve reference material and question banks.

E commerce Site

- Designed a responsive e-commerce front-end using HTML, CSS, and JavaScript.
 - Featured product listings, shopping cart functionality, and a simulated checkout page.
 - Focused on user-friendly design and cross-device compatibility.
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INTERNSHIP/CERTIFICATION

- Internship Completion Certificate at Yhills in Web Development.
 - Joy of computing using python (NPTEL).
 - UI/UX Design certificate at Tutedude.
 - Internship Completion Certificate at Cognifyz in Data Science.
 - Workshop Completion Certificate at OfficeMaster in PowerBi.
 - Workshop Completion Certificate at BE10X in AI Tools.
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EDUCATION

- Bachelor in Technology (CSE) (GIET UNIVERSITY, GUNUPUR) CGPA – 8.34 (80%), June 2025.
 - +2 (DAV PUBLIC SCHOOL, BOKARO) Percentage – 86%, June 2021.
 - 10TH (DAV PUBLIC SCHOOL, BOKARO) Percentage - 84.2%, May 2019
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SKILLS

- TECHNOLOGIES: MongoDB, SQL, MySQL.
- DESIGN: UI/UX Design, Figma, Wireframing, Prototyping.
- TOOLS: Visual studio code, Git, Figma, Adobe.
- LANGUAGE: Java, Html, CSS, Python, JavaScript.