

Hritwiza Gupta

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Location: Panna, Madhya Pradesh, India

Professional Summary

Innovative Computer Science Engineer with expertise in Data Analysis, RPA, AI/ML, and Software Development. Passionate about designing intelligent solutions that optimize efficiency, automate processes, and enhance user experiences. Skilled in Python, SQL, Java, JavaScript, Big Data Processing, and Power BI dashboards, with hands-on experience in AI-driven automation and software solutions.

Technical Skills

- **Languages:** Python, SQL, Java, PHP, Scala, JavaScript, HTML, CSS
- **Data Analysis and Visualization:** Excel (Pivot Tables, VBA), Power BI, Tableau, Data Visualization
- **RPA:** VBA, batch files, task scheduler, Power Automate, Python frameworks, JavaScript frameworks
- **Big Data and AI/ML:** Supervised & Unsupervised, Deep Learning (CNN, RNN), Computer Vision, and Speech Recognition
- **Development and Database:** SQL, MongoDB • Big Data Technologies: Hadoop, Spark, Kafka, Hive, HBase
- **Soft Skills:** Leadership, Problem-Solving, Time Management, Communication, Documentation

Education

- **B.Tech in Computer Science & Engineering – Mody University** (May 2025)
- **Diploma in Computer Science – Govt. Polytechnic College, Panna** (May 2022)
- **Higher Secondary - NIOS** (Oct 2021)
- **Secondary Education – NIOS** (Mar 2019)

Work Experience

Intern | FLIMPA Milan Pvt Ltd (Remote) (Dec 2024 – Jan 2025)

- Developed a **React.js-based frontend** and a **Java-powered backend** for an **AI-driven Matrimony platform**.
- Integrated **email automation** and built a **Power BI dashboard** for performance analytics.

Trainee | Regex Software Services, Rajasthan (Jun 2024 – Sep 2024)

- Developed **CNN-based Face Expression Recognition** and **AI-powered speech-to-text models**.
- Implemented **real-world applications of Machine Learning and Computer Vision**.

Intern | Hindalco Industries Limited, Silvassa (Aug 2023)

- **Automated plant data workflows**, improving reporting speed and cutting manual efforts by **10+ hours/week**.
- Conducted **data analysis and visualization** using **SQL, Python, and Power BI** to identify operational inefficiencies.

Projects

- **Management Information System (Aug 2023)** – Developed an MIS system for seamless data tracking.
- **Millet Classification using CNN (Aug 2023 – Dec 2023)** – AI-based crop classification model with data visualization.
- **Face Expression Recognition (Apr 2024 – May 2024)** – Emotion detection AI with actionable insights.
- **Automatic Speech Recognition (Aug 2024 – Dec 2024)** – Real-time **AI-powered speech-to-text** processing system.
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Certifications

- **Programming in Java – Great Learning** (Feb 2024)
- **Walmart USA Software Engineering – Forage** (Sept 2024)
- **JP Morgan Chase Cybersecurity – Forage** (Nov 2024)
- **Google Analytics Certification** (Aug 2024)
- **IBM Artificial Intelligence Analyst** (Nov 2024)