# HARSH DAYAL

Noida, UP

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## EDUCATION

**Glocal University**                                                                     **Aug 2022 – June 2025**
*Bachelors of Computer Application - **CGPA - 8.27***                                       *Noid, India*

## EXPERIENCE

**Valiance Solutions**                                                                     **Oct 2023 – Dec 2023**
*AI Engineer Intern*                                                                         *Noida, India*

- Developed and optimized Generative AI models **using Python, TensorFlow, and PyTorch.**
- Conducted data preprocessing, model training, and evaluation **ensuring high-quality AI solutions for client projects.**
- Collaborated with teams and documented research experiments **to improve scalability and reproducibility**

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, JavaScript, SQL, NoSQL
**Frameworks:** TensorFlow, PyTorch, Scikit-Learn, Pandas, Django, LangChain, LangGraph, GenAI, LLM
**Technologies/Tools:** Linux, GitHub, Git, MongoDB, Canva, Docker, Excel
**Concepts:** OOPS, Data Structures and Algorithms, DBMS, Operating Systems, API Integration, RESTful API

## PROJECTS

**AI Virtual Desktop Assistant** | Python, openAI, PyAutoGUI, NLTK  GitHub | Demo Video

- Developed a smart desktop assistant **capable of executing system-level commands using natural language.**
- Automated tasks like **file access, application control, ChatGPT, and browser operations via voice interaction.**
- Integrated advanced NLP for **context-aware responses, enabling seamless multitasking and personalized user interactions.**

**College ERP System** | Python, Django, PostgreSQL, Razorpay  GitHub | Demo Video

- Built a full-stack web application to manage **student data, faculty profiles, attendance, and fee tracking.**
- Enabled role-based access control (**Admin, Faculty, Student**) and automated scheduling and reporting features.**

**College CRM Portal** | Python, Django, RESTful, PostgreSQL  GitHub | Link

- Developed a full-stack CRM web application for **managing student leads, counsellor data, and AI workflows for lead conversion rate.**
- Implemented role-based access control with **automated scheduling, reporting, and secure API integration.**
- Added lead management and counselor assignment features **to track and nurture student inquiries efficiently.**

## ACHIEVEMENTS and CERTIFICATION

- **Data Structure and Algorithm** – Solved 350+ questions on TUF platform.Link
- **Winner Techovation 2023** – Intercollege Innovation and Tech Showcase
- **Campus Lead, Coding Ninjas** Promoted programming culture and mentored peers
- **TCS CodeVita** Qualified Round 2
- **100xDevs 0-100** Completed Full Stack Development course on MERN stack(MongoDB,Express,React,Node.js) Link