Aadhya Joshi

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Bachelor of Technology
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 GitHub Profile
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 Portfolio

EDUCATION

•**Malaviya National Institute of Technology, Jaipur, Rajasthan** — *Nov 2022 - Mar 2026*
Bachelor of Technology in Computer Science & Engineering — CGPA: 9.52/10

•**HSC - Navrachana Higher Secondary School, Vadodara, Gujarat** — *Mar 2022*
Central Board of Secondary Education — Percentage: 97.2%

•**SSC - Navrachana Higher Secondary School, Vadodara, Gujarat** — *Mar 2020*
Central Board of Secondary Education — Percentage: 98.8%

EXPERIENCE

•**ConfidoSoft Solutions Pvt Ltd, Vadodara, Gujarat** — *May - June 2024*
Software Developer Intern — Vadodara, Gujarat

- Worked on developing an AI-powered invoice parser to automate the extraction of information from invoices for accounts payable, reducing the need for manual processing.
- The parser model involves image pre-processing, Optical Character Recognition, text pre-processing, spatial attention mechanism, and Recurrent Neural Network implementation using python libraries like OpenCV, NLTK, Tensorflow, Keras, etc.
- Learnt building RAG applications like chatbots using LangFlow.

PERSONAL PROJECTS

•**Hostel Complaint Management System** — *Mar - Apr 2024*
Developed back-end using Django

- Tools & technologies used: HTML, CSS, Django (Python), MySQL
- Seeks to facilitate seamless complaint submission and resolution, enhancing communication between hostel residents and staff. User specific functionalities include Login, Sign-up, and Edit Profile, and Lodge Complaint, Check Status for student, and Update Status, View Complaint List for staff.

•**Banknote Authentication** — *Dec 2023*
Exploratory Data Analysis Project to test whether a given digital image of a banknote is real or forged

- Tools & technologies used: Python libraries like Numpy, Matplotlib, Pandas
- Included standardization of data, removing outliers and clustering data using unsupervised learning algorithms.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, SQL, HTML/CSS

Developer Tools: GitHub and Git

Documentation Tools: Overleaf (LaTeX), MS Office applications

Frameworks: Django

Databases: MySQL

Soft Skills: Strong interpersonal and communication skills, leadership, problem solving, critical thinking, multitasking, time management

Relevant Courses: Data Structures & Algorithms, Database Management Systems, Object Oriented Analysis and Design, Machine Learning, Computer Networks, Computer Organization and Architecture

Areas of Interest: Back-end Engineering, Deep Learning and building LLMs, Network Security

POSITIONS OF RESPONSIBILITY

•**Member,** Placement & Training Departmental Club at MNIT, Jaipur — *Jul 2023-May 2024*

•**Member,** Anti-Ragging Committee at MNIT, Jaipur — *Jul 2023-May 2024*

•**Member,** Girls Basketball team at MNIT, Jaipur — *Jan 2023-present*

•**Head Event Management,** Student Council, Navrachana Higher Secondary School — *2021-22*