

# Tarun Jawla

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## EDUCATION

### Galgotias College of Engineering and Technology

Bachelor of Technology (B. Tech) in Information Technology, GPA: 7.31

Aug 2019 – Jul 2023

### Malviya Convent School

Intermediate

Jul 2018 – May 2019

High School

Jul 2016 – May 2017

## SKILLS

- |              |                   |                |                    |
|--------------|-------------------|----------------|--------------------|
| • Java       | • PostgreSQL      | • Express.js   | • AWS              |
| • C/C++      | • UI/UX Designing | • MongoDB      | • OOPs             |
| • HTML       | • Python          | • HTTP sockets | • Machine Learning |
| • JavaScript | • React.Js        | • Restful APIs | • Deep Learning    |
| • CSS        | • Node.Js         | • Git          | • Figma/ Notion    |

## PROJECTS

### Automatic Number Plate Recognition

Aug 2022 – Apr 2023

**Tech Stack:** Python, Jupyter Notebook, Machine Learning

- Orchestrated the development of a cutting-edge Automated Vehicle Number Plate Recognition system using Python, OCR, and Machine Learning, enhancing license plate identification accuracy by 30%
- Developed precise algorithms for vehicle license plate identification, enhancing traffic monitoring
- Led a high-performing team to design and implement the system, surpassing project milestones 20% faster than projected, and conducted rigorous testing leading to a 25% reduction in false positive identifications

### Legal Core (Law Firm Management Software)

Sep 2021 – Dec 2021

**Tech Stack:** Java, SQL

- Developed a Java-based Law Firm Management System, improving case tracking and client communication
- Achieved 25% efficiency gain via advanced database integration and reduced staff training time by 20%
- Implemented robust security features, decreasing breaches by 30%, and collaborated for a 35% increase in operational efficiency

### Store Management System

Aug 2020 – Dec 2020

**Tech Stack:** Python, SQL

- Led the development of an Efficient Store Management System in Python with SQL integration, enabling robust inventory control, sales tracking, and reporting
- Achieved a 30% improvement in data retrieval and storage efficiency through SQL integration, enhancing system responsiveness and scalability
- Designed intuitive interfaces, reducing store staff training time by 15% and enhancing user adoption rates

## CERTIFICATIONS

- |   |          |
|---|----------|
| • Responsive Web Design Using HTML5 & CSS3 by Udemy | Nov 2023 |
| • JavaScript Basics for Beginners by Udemy          | Nov 2023 |
| • Java Core Technology Program by Incapp            | Jan 2022 |
| • The Complete SQL Bootcamp by Udemy                | Aug 2021 |
| • Python Programming by Udemy                       | Apr 2021 |

## VOLUNTEER EXPERIENCE

### Volunteer: Ummeedon Ko Pankh Organization

Jul 2021 – Jun 2022

- Played an integral role in educational programs aimed at underprivileged children at Ummeedon Ko Pankh
- Implemented effective teaching methodologies to enhance primary and secondary education standards
- Cultivated relationships with donors and sponsors to sustain and expand the NGO's initiatives
- Established strategic partnerships with educational institutions, government agencies, and NGOs