

# CHETHAN R

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## PROFESSIONAL SUMMARY

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Skilled in **Python** and **SQL** with experience in backend development, data processing, and database design. Proficient in writing efficient queries and demonstrating strong communication skills and passionate about gaming and interactive technology.

## SKILLS

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**Frontend Technologies & Libraries:** HTML5, CSS3

**Programming Languages:** Java, JavaScript, Python

**Backend & Databases:** MongoDB, Node.js, MySQL, SQLite

**Tools:** Selenium, Adobe Photoshop, Canva, MS Word, MS Excel, MS PowerPoint, DMS

**Design Skills:** Graphic Designing, UI/UX Design (Basics), Visual Content Creation

## EDUCATION

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### Jawaharlal Nehru New College of Engineering

Master of Computer Applications (MCA) - 8.2 CGPA

(Software Development, Web Technologies, Database Management Systems, Cloud Computing, Data Structures & Algorithms, Machine Learning)

Shivamogga, India

2023 – 2025

### Sadhana Degree College

Bachelor of Computer Applications (BCA) – 6.9 CGPA

Bengaluru, India

2019 – 2022

## EXPERIENCE

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### Mandovi Motors Pvt Ltd

#### EDP Executive (Office / Service Data Processing)

Physical

Mar '23 – Nov '23

- Managed daily data entry of service invoices and job cards in Dealer Management System (DMS) to maintain accurate workshop records.
- Improved data validation and reduced correction time by checking customer & vehicle details before approval.
- Prepared daily MIS reports (pending jobs, delivery status, revenue summary) and shared with management for workflow planning.
- Coordinated with service advisors & billing team for updating vehicle status and closing daily tasks on time.
- Utilized MS Excel for maintaining service tracking sheets, VHC data, and report formatting; used MS Word for drafting internal letters & documentation.

### TechCiti Technologies

#### Django Developer (Training Program)

Physical

Nov '24 – Jan '25

- Built a Smart Blood Bank Portal using **Django**, **SQLite**, and **JavaScript** to digitize form submissions.
- **Processed 500+ records** with a 40% drop in validation errors by improving backend logic.
- Deployed and tested workflows locally, ensuring consistent results across multiple cases.

## PROJECTS

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### Traffic Sign Detection using Deep Learning

- Implemented real-time traffic sign detection using YOLOv5 and YOLOv8 on benchmark datasets.
- Achieved 90%+ mAP across multiple classes with optimized anchor tuning and data augmentation.
- Designed modular training pipeline enabling rapid experimentation with transformer-based models.

### Smart Blood Bank Portal

- Developed a full-stack blood bank management system using Django, SQL, and Bootstrap.
- Enabled real-time availability updates and automated email notifications for urgent requests.
- Deployed the portal with role-based access control, improving operational efficiency by 60%.

## CERTIFICATIONS & ACHIEVEMENTS

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- Let's Upgrade Java Bootcamp – Oct'24
- **Software Testing Certification** – ExcelR Career Assurance Program
- Social Networks '**Vtu Mooc**' Certifications– May'25
- Introduction to Machine Learnings '**Vtu Mooc**' Certifications– Dec'24
- Published a paper titled "**A Comparative Study of Deep Learning Models for Traffic Sign Detection**" in the International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 13, Issue 8, August 2025.