

# Yuvraj Patil

+91 9322505681 | yuvr3006@gmail.com | Pune, India  
[linkedin.com/in/yuvraj-patil-04a2a5260](https://www.linkedin.com/in/yuvraj-patil-04a2a5260)

## PROFESSIONAL SUMMARY

A passionate Information Technology student with a strong background in software development, specializing in mobile app development and backend systems. Proficient in developing cross-platform applications, optimizing backend performance, and using cloud platforms for scalable deployment. Looking to leverage technical skills in a dynamic software development role.

## EDUCATION

### Pune Institute of Computer Technology

*Bachelor of Information Technology*

- Relevant Coursework: OOP, Data Structures, Database Management

Pune, India

2022 – 2024

### Willingdon College

*Higher Secondary Education (HSC)*

- Percentage: 87%

Sangli, India

2020 – 2022

## TECHNICAL SKILLS

**Programming Languages:** C++, JavaScript, Python, Dart, Flutter

**Frameworks:** Node.js, TensorFlow, OpenCV, Express.js

**Libraries:** Pandas, NumPy, Matplotlib

**Databases:** MySQL, PostgreSQL

**Developer Tools:** Git, VS Code, Visual Studio, Jupyter Notebook, Google Colab

**Core Concepts:** Object-Oriented Programming (OOP), Data Structures, Database Management (DBMS)

## PROJECTS

### Credenz 24 — Flutter, Dart, Google Play Console

- Developed a cross-platform mobile app using Flutter, improving event organization by 40%.
- Implemented event listing, registration, and check-in system, resulting in a 30% increase in participation.
- Enhanced user engagement and received positive user feedback.

### RideBuddy — JavaScript (Node.js), PostgreSQL, React.js

- Built server-side logic for ride booking using Node.js and PostgreSQL, improving user experience with efficient ride management.
- Designed REST APIs for ride publishing and registration, ensuring smooth communication between front-end and back-end.
- Integrated JWT-based security for user authentication and session management.

### Feature Extraction for Text and Entity Recognition — Python, Tesseract OCR

- Developed a pipeline using Tesseract OCR to extract text from images, improving data retrieval processes.
- Implemented NLP techniques to identify key entities, achieving 73% accuracy with an F1 score of 0.68.

## INTERNSHIP EXPERIENCE

### Software Development Intern - Nikhil Motors Private Ltd

*Car Retailer Management System Project*

*ReactJS, NodeJS, PostgreSQL, AWS*

- Developed a comprehensive management system for second-hand vehicles, including detailed specifications and insurance tracking for a car retailer.
- Designed and implemented **JWT-based access control** to ensure secure login and user session management.
- Deployed the platform on **AWS**, optimizing it for scalability and reliable performance.

## ACHIEVEMENTS AND EXTRACURRICULARS

### Public Relations Office at PICT IEEE Student Branch

#### Ex- Member of PICT IEEE Student Branch

- Developed Mobile App using Flutter for Credenz 24, the flagship event of PICT IEEE Student Branch (PISB).
- Volunteer at Credenz 24, supporting event organization and logistics.

### Public Relations Officer: PICT Coders' League

- Managed public outreach and communication strategies for PICT Coders' League events.

### Smart India Hackathon 2023

- Qualified at intra-college Hackathon of SIH'23 with a project focused on Drone-based Magnetic Anomaly Sensing.

### Smart India Hackathon 2024

- Qualified at intra-college Hackathon of SIH'24 with a project focusing on Women Safety Analysis.