Paras Joshi

+91 9627X 90X5X p.joshi2402@gmail.com linkedin.com/in/parasjoshi24 github.com/paarasjoshi

Education

Graphic Era Hill University **October 2021 — June 2025**
Bachelor of Technology in Computer Science and Engineering *Uttarakhand*

Technical Skills

Programming Languages: C++, Python, JavaScript, CSharp (C#), Java
Frameworks and Libraries: React.js, .NET, OpenCV, Tailwind, PHP, Node.js
Developer Tools and Platforms: Git, Linux, MySQL, MongoDB, Visual Studio
Other IT Constructs: Operating Systems, DBMS, Object Oriented Programming, Data Structures

Experience

Osmosys **January 2025 — Present**
Software Engineer Intern *Hyderabad, Telangana*

- Developed responsive front-end interfaces for the Omnifood project, implemented code splitting to reduce initial page load time by **40%**.
- Enhanced back-end systems by integrating .NET, optimized **API** response time by efficient database queries.
- Performed manual testing on the **Osmosys - OQSHA** product, identifying and reporting multiple bugs to improve product quality.

WeCode Club **September 2023 — August 2024**
Managing Director *Graphic Era Hill University*

- Led educational initiatives and provided mentorship and learning experience in **Data Structures** and **Website Development**, mentored a cohort of over **500 students.**
- Led tech workshops and seminars on **Blockchain, Machine Learning**, achieving a 25% increase in user engagement through implementing modern web technologies such as **React, Node.js, and MongoDB.**

Projects

Handwritten Digit Recognizer | ***GitHub*** **January 2024 — March 2024**

- Built a digit recognition model with **Keras/TensorFlow** and trained it on the **MNIST dataset**, achieving approximately **98%** accuracy on this dataset.
- Preprocessed MNIST images by normalizing pixel values, reshaping inputs, and reducing image processing time by 40%.
- Using **OpenCV** to convert **28x28 pixel real world images** into **grey-scale**, ensuring compatibility with MNIST-trained data and improving accuracy of inputs.
- **Tech Stacks:** Python, Keras, CNN, OpenCV

Automated Number Plate Recognition | ***GitHub*** **April 2023 — May 2023**

- Developed a license plate detector using **OpenCV** and **Easy OCR** to extract text from vehicle license plate.
- Implemented a **notification system** using **Twilio API** to send instant alerts to vehicle owners.
- Built an **interface** with **Tkinter** to display vehicle details, include area-based lookup for generating E-Challans.
- **Tech Stacks:** Python, OpenCV, Tkinter, EasyOCR

Online Quiz Management System | ***GitHub*** **October 2022 — December 2022**

- Built a quiz platform using **PHP** and **MySQL** supporting user registration and **login authorization** using PHP and MySQL.
- Developed an administrative dashboard for managing quiz content, including quiz creation and maintenance.
- Built score calculator and result display feature for user engagement and integrated these features in WeCode Quizzes to enhance user experience.
- **Tech Stacks:** JavaScript, PHP, MySQL

Achievements

- **Secured 2nd place** in Tech Wizard 2.0, an intercollege coding competition, outperforming 4,500+ competitors.
- **Secured 3rd position** in IdeathonX Hackathon, led team **Immortals** for the number plate recognition project.
- **Coding Platforms:** Solved 800+ Questions on overall platforms and the highest Contest rating of 1450 in Leetcode.
- Recipient of the **Best Leader Award** at the NSS Special Camp organized by NSS and Graphic Era University.