

# OMKAR PANCHAL

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Address: Pune, Maharashtra 412105

## Education:

### ➤ BE in Computer Engineering

NBN Sinhgad School of

Engineering, Pune

CGPA: 7.76

Graduation Year: 2023

## Technical Skills:

- Web Development: HTML, CSS, JavaScript, React.js, Node.js
- Database: MongoDB, MySQL
- Languages: Python, C++
- Version Control: Git

## Course Work:

Operating System, Data Structures and Algorithms, Object-Oriented Programming, Database Management System, Computer Networks

## Achievements:

Codeforces: Max rating - 375(newbie)

CodeChef: Max rating - 1102(1 star)

Solved 50+ problems on Leetcode and

100+ problems across all platforms

## Extracurricular Activity:

Volunteered for Sinhgad Karandak &

Sinhgad Carnival Fest events

Led student initiatives and participated in major campus events

## Links:

- LinkedIn:// [omkarpanchal](#)
- GitHub:// [omkarpanchal](#)
- LeetCode:// [omkarpanchal](#)
- CodeChef:// [omkarpanchal](#)

## Internship Experience:

### ➤ Software Developer Intern | SOCSpace SSH | (22 July 2023 – 30 August 2023)

- Collaborated with the team to develop software for transforming real-world architectural structures into detailed 3D models
- Customized the YOLOv5 object detection model to align with project-specific requirements
- Created label datasets comprising 4000 image samples for both training and testing, ensuring data quality and integrity
- Conducted research on photogrammetry software options and presented findings to assist in selecting the most suitable software for project integration

### ➤ Web Development and Designing Intern | OASIS INFOBYTE | (1 April 2022 – 30 April 2022)

- Developed responsive websites using HTML, CSS, and JavaScript, including a portfolio, landing pages, OTP verification, and temperature converter
- Implemented backends for websites using PHP and MySQL database
- Set up Linux Ubuntu Server (VPS) on the AWS platform to deploy websites with CI/CD integration
- Managed VPS instances to maintain high uptime, ensuring smooth website operation, achieving 99.9% uptime for all websites
- Configured server to host over 10 websites with custom domains

## Personal Projects:

1. **Personal Portfolio and Blog Website** (Full Stack Web App) [Live](#)  
Designed and developed a React-based web application to showcase skills, projects, and blogs, attracting 100+ unique visitors monthly  
Key features: Interactive Project Showcase, Blogging Platform, User Authentication, Resume Download  
Technologies: HTML, CSS, JavaScript, React.js, Node.js, MongoDB
2. **React Admin Panel** (Content Management System) [Live](#)  
Designed and implemented a React admin panel for efficient data management  
Key features: Efficient Content Management, User-Friendly Interface, Real-Time Data Retrieval, Firebase Authentication  
Technologies: React.js, JavaScript, Bootstrap
3. **The Super Saiyan: Animation Game** (Single Page Web Game) [Live](#)  
Created an animation game using HTML, CSS, and JavaScript, featuring Goku from the Dragon Ball series, with 20+ active players  
Key features: Goku's movements, Progressive Difficulty level, smooth character animations, Earn scores  
Technologies: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB