

OMKAR PANCHAL

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Location: Pune, Maharashtra 412105

Education:

➤ BE in Computer Engineering

NBN Sinhgad School of Engineering, Pune

CGPA: 7.76 (Graduated 2023)

Technical Skills:

- Web Development: HTML, CSS, JavaScript, React.js, Node.js
- Database: MongoDB, Redis
- Languages: C, C++
- Tools & Platforms: Git, AWS

Course Work:

Operating Systems, Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, 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](#)

Experience:

➤ Associate Software Engineer | AsIndia Innovations | (27 August 2024 – Present)

- Managed development and maintenance of the **ConnectAI.care** healthcare platform, implementing features that improved efficiency by 20% and enhanced user experience
- Collaborate with senior developers and cross-functional teams to meet client needs and deliver efficient software solutions
- Develop new features and resolve bugs to improve the functionality and reliability of web applications
- Set up and optimize CI/CD pipelines on AWS, manage EC2 instances, and ensure 99.9% uptime and reliable operations

➤ Junior UI/UX Designer Intern | BETAZEN INFOTECH | (1 June 2024 – 15 August 2024)

- Designed and implemented a scalable content management system to enhance organization and improve user engagement
- Built a real-time video calling application with WebRTC and Socket.io, enabling seamless, low-latency video and audio communication
- Applied best practices in UI/UX design to deliver high-quality products and optimize application performance

➤ 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
- Created a custom dataset of 4,000 labeled images for training and validating the YOLOv5 model, resulting in a 30% reduction in false positives during the initial deployment

Personal Projects:

1. **Personal Portfolio and Blog Website** (Full Stack Web App) [Live](#)
Designed and developed a Next.js web application to showcase skills, projects, and blogs, attracting 300+ unique visitors monthly
Key features: Interactive project showcase, blogging platform, resume download, consultancy booking
Technologies: HTML, CSS, Next.js, Node.js, MongoDB, Redis
2. **WebRTC Connect** (Real-Time Communication App) [GitHub](#)
A real-time serverless video calling app utilizing peer-to-peer mesh topology for direct connections between participants
Key features: User authentication, play/pause, mute/unmute, screen sharing, screen recording
Technologies: WebRTC, Socket.io, React, Node.js, Tailwind CSS
3. **The Super Saiyan: Animation Game** (Single Page Web Game) [Live](#)
Created an animation game using HTML, CSS, and JavaScript, attracting over 20 active players