



# Prasad Nathe

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## EDUCATION

B.Tech Information Technology | VIIT,PUNE

CGPA: 8.5 | 2021-2025 (Present)

## EXPERIENCE

### Software Engineer Intern | YantrikiSoft

Mumbai(Remote)(12Jan –10June 2024)

- Designed Kgamify(Teacher panel) **Website** for managing the Playquest(User Platform) **Application** where users can **learn and win prizes by competing** in championships and quizzes.
- The mobile app offers various subjects, storing achievements to assess users' proficiency. An hosted **Teacher Portal** manages users, content, and technical aspects. **Certificate | Live**
- Focused on mobile app and website front-end UI development, **contributing to a 30% increase in user engagement securing in funding for StartUp.**
- Tools and Technologies:-** PHP, RESTful API, IntelliJ Idea, Flutter, Firebase, JavaScript, and MySQL.

## PROJECTS

### StealthMode Courses Website (Individual Project)

**Git-Repo | Live**

- Developed a **Learning Hub Platform** offering industry-tailored Courses to learn new skills with **responsive UI**.
- Implemented secure **user authentication and authorization**, along with a review and **rating system**.
- Integrated third-party **APIs and payment gateways** to streamline the Enrollment process.
- Tools and Technologies:-** React.js, Material-UI & Redux Node.js & Express.js, MongoDB, Razorpay.

### DevDyanamics Dashboard (Industry Project)

**Git-Repo | Live**

- Developed an **interactive dashboard** using Line, Bar, and Pie Charts to **visualize developer activity data**, enhancing team **productivity tracking by 40%** and providing actionable insights for process optimization over selected date ranges.
- The **activities include** committing code, opening pull requests merging pull requests, attending meetings, and writing documentation with Date, Contributor filters and Summary Statistics.
- Tools and Technologies:-** React.js, TypeScript, RESTful APIs, CSS, Recharts, Axios, Data Visualization.

### Image-to-image translation with a conditional GAN (Course Project)

**Git-Repo**

- Developed and trained a **pix2pix cGAN** for image-to-image translation, focusing on **generating building facades**.
- DUsed the CMP Facade Database to **implement a U-Net generator and PatchGAN discriminator**, optimizing image generation on a V100 GPU.
- Tools and Technologies:-** Python, TensorFlow, CMP Facade Database, NumPy, Matplotlib.

## SKILLS

- Fundamentals:** OOPs, Cloud Computing, Data Structures and Algorithm, Database Management,AI/ML.
- Technologies:** AWS, Linux, RESTful APIs, React, MongoDB, ExpressJs, Firebase, Bootstrap.
- Languages:** C++,Python, Java, PHP, HTML5, CSS, JavaScript, MySQL.
- Developer Tools:** Vs Code, GitHub, Figma, WordPress, Flutter, Docker, Postman.

## ACHIEVEMENTS

- Solved 400+ Problems** on LeetCode with Highest Rating of 1408. **LeetCode**
- Our Team Achieved **3<sup>rd</sup> place** in **Hackathon organized By GFG** in domain of EdTech.
- Ranked 23th** among the 200 Participants in the **CodeChef college Challenge**. **CodeChef**

## POSITION OF RESPONSIBILITY

### Technical Lead | IOT Form,VIIT

(Nov 2022-May2023)

- Successfully organized and led multiple **hackathons with around 150+ teams** focused on **web and app development** for college and inter-college students.
- Participated** in the analysis, design, development, unit testing, deployment and code review processes **for maintaining Club Activities**.
- Conducted **Carrier Guidance Session** About Current **Emerging Technologies** for Carrer Growth.

## PUBLICATIONS

- Paper Published**-In-2024 MIT Art, Design and Technology School of Computing International Conference(MITADTSociCon) :- Developed **AI HeathCare Chatbot** using NLP. **Link**