Jagdish Raut

Full Stack Developer   Machine Learning Engineer

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Education

D. Y. Patil college of engineering Akurdi, pune (SPPU)   *Nov 2022 – Jun 2026*
BE in Information Technology
- Ageregate CGPA: 8.67/10

Experience

Competitive Programming Mentor   *DYPCOE Pune, India*
Competitive Programming Mentorship Club (CPMC)   *Sep 2023 – Present*
- Mentored **50+ students** in solving complex programming problems using algorithms and data structures
- hosted multiple events

AI/ML Intern   *Virtual Internship*
EduSkill   *Oct 2024 – Dec 2024*
- Completed a 10-week internship focused on building and deploying machine learning models
- Developed predictive models for real-world datasets using Python and TensorFlow

Technologies

Languages: C/C++, Python, Java, JavaScript, SQL, HTML

Skills: Node, Express, React, Ejs, MySQL, MongoDB, Scikit-learn, TensorFlow, etc.

Tools: Git, Github, Cloudinary, Mongo Atlas, vercel, Passport Authentication etc.

Projects

Naamsiddhi: Fuzzy Name Conversion of Hindi Names ⬈   *Nov 2024 - Dec 2024*
                                                          Go Live ⬈
- Developed a robust solution for fuzzy and phonetic matching of Hindi names.
- Utilized **Modified Indic Soundex** and **Levenshtein Distance Algorithm** to handle transliteration, spelling variations, and phonetic similarities.
- Used **RESTful APIs** and implemented **CRUD operations**.
- Provided **suggestions from database** using API calls.
- Implemented **indexing technique** for faster and more efficient record searching.
- Implemented a **bilingual** system with **voice-to-text** recognition capabilities.

Tripsy: Accommodation Finder Web Application ⬈   *Aug 2024 - Sep 2024*
                                                     Go Live ⬈
- Built a dynamic web app for finding accommodations, featuring user-friendly interfaces.
- Implemented **CRUD options**.
- Integrated **authentication and authorization**.

Other Minor Projects ⬈
- **Portfolio:** Developed a personal 3D porfolio website (React, javaScript,3D MODEL, HTML5,CSS3).
- **MultiMaze:** Developed a competitive multiplayer maze game.
- **Spotify Clone:** Designed a music player application with playlist management.

Achievements

- **Smart India Hackathon Winner 2024**
- **600+** questions on **Leetcode** and **Codechef** , **2-star** at Codechef.