

# Jagdish Raut

Full Stack Developer

📍Pune, India    ✉jagdishraut2004@gmail.com    ☎+91-8767939605    📁Portfolio    inLinkedIn    🐙Github

## Summary

Final-year B.E. student and Full Stack Developer skilled in **MERN** and **Java-based stacks** with hands-on experience in building scalable web applications using **Node.js**, **Spring Boot**, and **RESTful APIs**. Passionate about DSA, Low-Level Design, and Backend Architecture. I love CP and enjoy solving complex problems and debugging challenges. **Winner of SIH 2024 Grand Final(national)** and solved 800+ problems on LeetCode and CodeChef.

## Education

D. Y. Patil College of Engineering, Pune.

Final-Year B.E. Information Technology - CGPA: 8.79/10

Nov 2022 – Jun 2026

(Expected)

## Experience/Leadership

DSA Mentor

CPMC DYPCOE

Jan 2025 – Mar 2025

- designed DSA problems for contest, Hosted hackathons, and mentored students by post contest discussion, solving problems and guiding them through challenges as part of CPMC Club

## Skills/Technologies

- Programming Languages:** C, C++, Java, JavaScript, SQL, Python, GoLang
- Frontend:** HTML5, CSS3, EJS, React
- Backend:** Node.js, Express.js, Spring Boot, REST APIs, MongoDB, MySQL, PostgreSQL
- Technical Foundation:** DSA, DBMS, OOPS, LLD, OS, CNS, ML
- Version Control/Tools:** Git, GitHub, VSCode, Postman, Mongo Atlas, Cloudinary, AWS (basic)

## Projects

**Naamsiddhi: Fuzzy Name Conversion of Hindi Names** 🐙🔗

Nov 2024 - Dec 2024

[Live Project](#) 🔗

- Developed a research-oriented solution for fuzzy and phonetic matching of Hindi names in MVC using algorithms, Node.js, Express.js, EJS, MongoDB, JavaScript, Cloudinary, Tailwind CSS, and more.
- Built **phonetic and string matching algorithms** to address transliteration, spelling variations, and phonetic similarities, achieving over **98%** accuracy.
- Reduced fuzzy name search from minutes to milliseconds using **B-tree** indexing and phonetic matching.
- Features:** Database suggestions, voice-to-text, bilingual support with translation and transliteration.

**AIFitPro: AI Fitness Tracking Application** 🐙🔗

July 2025 [Demo](#) 🔗

- Developed a fitness tracking app with secure authentication, **async inter-service messaging**, fitness monitoring, and external **API integration**.
- Technologies:** Java (Spring Boot), Microservices, RabbitMQ, OAuth2, KeyCloak, React.js, PostgreSQL, MongoDB, Gemini API.

**AI Agent: Automated Data Analysis and Bulk Email Delivery** 🐙🔗

Aug 2025 [Demo](#) 🔗

- Built an AI Agent using open source n8n to perform relational database operations and send emails through **natural language commands**, with a backend connecting the Agent and the UI.
- Technologies:** LLaMA model, Gemini API, Node.js, React.js, PostgreSQL, SQL, Docker and Ngrok.

## Achievements

- Winner - Smart India Hackathon 2024 Grand Finale** (Govt. of India National Level) [\[Certificate\]](#) 🔗
- Ranked **11th** out of 1000+ in CodeRed (Competitive Programming, Pune). [\[Certificate\]](#) 🔗
- Knight** on LeetCode | **3-Star** on CodeChef | **800+** problems solved [\[LeetCode\]](#) 🔗 | [\[CodeChef\]](#) 🔗