Siddhesh Patil

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Education

Pimpri Chinchwad College of Engineering, Pune - November 2022 – June 2026
Bachelor of Technology in Computer Science - CGPA: 7.85 (out of 10)
The New College, Kolhapur - 2020 – 2022
Higher Secondary Certificate (HSC) – Science - 76.17%
D.C. Narke Vidyaniketan, Kolhapur - 2019 – 2020
Secondary School Certificate (SSC) - 96.20%

Projects

EV-Hub - Centralized EV Charging Network System | *JavaScript, Node.js, React, MongoDB*   **December 2024**
- **Developed a full-stack MERN application** enabling 50+ EV users to discover, reserve, and pay for charging slots in real-time through secure integration with online payment APIs.
- **Implemented a slot-based reservation algorithm** handling 100+ advance bookings, reducing congestion and increasing station utilization by 25%.
- **Integrated GPS navigation and real-time IoT updates** using Google Maps API for 40+ active charging points, enhancing location accuracy and availability monitoring.
- **Designed and deployed an admin dashboard** allowing 10+ station operators to manage bookings, monitor performance analytics, and track revenue insights.

GoShop - Real-Time Price Comparison Platform | *JavaScript, Node.js, MongoDB, Web Scraping*   **March 2024**
- **Built a real-time price comparison engine** for 500+ products across Amazon, Flipkart, and Shopify, reducing average product search time by 40%.
- **Engineered product-matching algorithms** leveraging text processing and attribute matching, improving cross-platform accuracy by 35%.
- **Implemented automated price tracking and email alerts** for 70+ registered users via integration with SMTP APIs.
- **Optimized MongoDB database performance** for 10,000+ entries using compound indexing, caching, and efficient query structuring.

Technical Skills

Languages: C, C++, Java, Python	**Databases**: MySQL, MongoDB
Web Technologies: HTML, CSS, JavaScript	**Data Analysis**: Python, R
Frameworks: Node.js, Express.js, React	**Technologies/Tools**: Docker, Git, GitHub, VSCode, Linux

Achievements

- Achieved a **CodeChef rating of 1867 (4-Star, Div 2)** with a global rank of **4,207** and India rank of **3,280**, competing among 10,000+ participants in rated contests.
- Earned the **Contest Commander – Bronze Badge** on CodeChef for consistent participation in 10+ rated contests and solving advanced DSA problems under 3-hour time limits.
- Secured **2nd place** in the Code Relay coding competition at **PCCOE Techfest – Anantya**, organized by ACM-W.
- Ranked **11th at the college level** in the Smart India Hackathon internal selection round.

Position of Responsibility

ISTE Students' Chapter, PCCOE [Vice President]   **October 2024 – April 2025**
- Led the chapter's operations and organized 10+ technical and non-technical events, including a successful UI Hackathon, driving student engagement and skill development.

PCCOE ACM Student Chapter [Membership Chair]   **September 2024 – April 2025**
- Appointed as ACM India Membership Ambassador; recruited 300+ members while leading outreach and strengthening chapter presence through targeted membership initiatives.

Coding Platform Profiles

CodeChef (sidzp05), **LeetCode (sidzp05)**, **HackerRank (siddheshpatil)**