Pradeep Soni

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PROFESSIONAL SUMMARY

Final year B.Tech CSE student at Lloyd Institute of Engineering and Technology with hands-on experience in full-stack development, combining frontend skills (React.js) with backend expertise (MERN, Django). Strong in C++, DSA, and OOP, with 90%+ code accuracy and a 50% boost in development efficiency. Passionate about building scalable web applications and integrating AI.

EDUCATION

- **Bachelor of Technology in CSE (8 CGPA)**   **2022-2026**
  Dr. A. P. J. Abdul Kalam Technical University, Lucknow
- **Intermediate (81 %) -** Rais Ahmed Inter College, Itwa   **2019-2021**
- **High School (81 %) -** Rais Ahmed Inter College, Itwa   **2017-2019**

SKILLS

- **Programming Languages:** Advanced in C/C++, JavaScript, Python, Java, SQL
- **Web Technologies:** HTML, CSS, Tailwind CSS, React.js, EJS, Bootstrap
- **Backend Technologies:** Node.js, Express.js, Django, FastAPI, REST
- **Mobile App Development:** Kotlin with Android Studio, Jetpack Compose, Firebase SDK
- **Cloud & DevOps:** AWS (EC2, S3, Lambda basics)
- **Databases:** MySQL, MongoDB, Database Design, Firebase Realtime Database
- **Tools & IDEs:** Git, GitHub, VS Code, PyCharm, IntelliJ, Android Studio, Arduino IDE, Figma, MS Office
- **Soft Skills:** Communication, Teamwork, Time Management, Adaptability, Brainstorming
- **Languages:** Hindi, English, German (beginner)

PROJECTS

- **Smart Home Automation System using ESP8266 and Android App:**   **July 2025**
  - Designed a smart home automation system enabling remote control of electrical appliances (bulbs, fans, motor etc.) via Wi-Fi through a custom Android mobile app.
  - Configured ESP8266 NodeMCU to process REST API commands using Django backend, with sync via Firebase.
  - Delivered seamless user interaction using Jetpack Compose (Kotlin), ensuring efficient device control.
    Software Tech Stacks: Jetpack Compose (Kotlin), Django (REST APIs), Firebase, Arduino IDE, HTTP Client.
    Hardware Tech Stacks: ESP8266 NodeMCU, Relay Module,Bulb, Breadboard, Jumper Wires, Power Adapter
- **MyBlog : New Technology and Innovation Blog**   **May 2025**
  - Developed a responsive blogging platform with user authentication and CRUD operations for blog posts.
  - Implemented RESTful API endpoints for seamless data retrieval and manipulation.
  - Used MySQL with SQL queries to manage efficient data storage and retrieval.
    Tech Stacks: EJS, CSS, JavaScript, Node.js, Express.js, SQL.

CODING PROFILES

- **GitHub:** https://github.com/rroyalpradeep
- **LeetCode:** leetcode.com/u/pradeep884/
- **HackerRank:** hackerrank.com/pradeepsonioffi1
- **CodeChef:** codechef.com/users/pradeep_soni
- **Codolio:** codolio.com/profile/rroyalpradeep

CERTIFICATIONS

- 1st Runner up **CODE – QUEST** Hackathon, Lloyd Institute of Engineering and Technology (2023)
- **Pitch Cypher** – Lloyd Institute of Engineering and Technology (2024)
- **Policy Workshop** – Niti: The Policy Lab, Kirori Mal College, University of Delhi (2025)
- **3rd Runner-up** – HashHacks 7.0, Cluster of Innovation, University of Delhi (2025)
- **Data Structures & Algorithms** in C/C++ (2024)

ACHIEVEMENTS/AWARDS

- Completed 300+ problems on LeetCode with 5 Badges
- Secured 1st Runner-up position in Coding Competition – LIET   **Dec 2023**
- International Conference Volunteer – LIET   **Feb 2024**