Keshav Laddha

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EDUCATION

The LNM Institute of Information Technology, Jaipur *2023 – 2027 (Expected)*
Bachelor of Technology, Computer Science and Engineering *CGPA: 7.53/10*

Shree Mahesh Public School, Bhilwara, Rajasthan *2022 - 2023*
Higher Secondary Education (Class XII) *Grade: 86.60%*

Evergreen Public School, Bhilwara, Rajasthan *2020-2021*
Secondary Education (Class X) *Grade: 98.40%*

TECHNICAL SKILLS

Languages: Proficient in: C++, C, Python | Familiar with: Java, Javascript, Bash, Verilog HDL
Frameworks: Flask | FastAPI | NumPy | PyTorch | Pandas | Matplotlib | React | Scikit-Learn
Tools: MySQL | SQLite | Git/GitHub | MongoDB | Linux | Shell Scripting | HTML | Tailwind CSS | LaTeX
Courses: Data Structures & Algorithms (DSA), Analysis of Algorithms, Database Management System, Object-Oriented Programming (OOP), Operating Systems (OS), Computer Networks

PROJECTS

JobMate | Automated Job Application **GitHub Link**

- Developed a full-stack **Job Automation Platform (React, Flask, SQLite)** automating job scraping from 50+ sources, and streamline follow-ups via AI-generated resumes and email alerts.
- Automated job scraping with Python, increasing job discovery efficiency by 80%, and scheduled twice-daily scans delivering real-time matches via **SMTP-integrated Gmail**.
- Integrated **ChatGPT/BART** for AI-powered resume optimization, generating role-specific bullet points and dynamic prompts to enhance application quality.
- Built an interactive analytics dashboard **(Chart.js)** providing real-time insights on application success rates, interview trends, and status breakdowns to drive informed decisions.

Inventron | AI-Enhanced Inventory Management System **GitHub Link**

- Developed an **OOP-based**, scalable Inventory Manager using Python **(Pandas, Scikit-learn)** and **linear regression**, reducing stockouts by **25%** through demand forecasting.
- Engineered a scalable full-stack web app **(React/Flask + MySQL)** with **query optimization** and caching, improving data retrieval by **30%** and reducing API response time by **40%**.
- Built analytics dashboards **(Chart.js)** with dark mode and automated testing suite with 93% coverage (PyTest).

POSITIONS OF RESPONSIBILITY

Teaching Assistant, Department of Computer Science & Engineering, LNMIIT *Aug 2024 – Dec 2024*

- Teaching Assistant for **Programming for Problem Solving (PPS)** Lab — Mentored and guided **60+ CSE undergraduate students**, providing hands-on support in programming concepts and problem-solving techniques.

CODING ACHIEVEMENTS

Codeforces: Pupil (Peak 1242) | **Leetcode : (Peak 1508)** | **Codechef : 2 ★ (Peak 1463)**

- Ranked top **1.3%** in **Codechef Starters 180** (418/31,157 participants).
- Solved **500+** problems on Codeforces and **100+** problems on Leetcode.

SCHOLASTIC ACHIEVEMENTS

- Scored **98.35% ile in JEE (Mains)** ranking in the top **1.73%** out of **1.1 million candidates**. *(2023)*
- Awarded the **Reliance Foundation Undergraduate Scholarship** by Reliance Foundation, selected among **58,000+** applicants. *(2023)*