Prem Kumar Yadav

✉ premky025@gmail.com | ☎ +91-6392554947 | https://www.premkyadav.xyz/ |
https://www.linkedin.com/in/prem-kumar-yadav-15a06a208 | https://github.com/PremKumarY

PROFESSIONAL SUMMARY

Motivated MCA (DS & AI) Postgraduate with hands-on experience in full-stack web development and applied machine learning. Proven ability to build scalable applications using the MERN stack, Python, and Django. Skilled in designing responsive, user-friendly interfaces and integrating AI/ML models for intelligent systems. Seeking an entry-level software development or AI/ML role.

TECHNICAL SKILLS

- **Programming**: Python (Scikit-learn, Pandas, NumPy, PyTorch (basic)), JavaScript, Java, HTML, CSS, React.js, Node.js, Express.js, Tailwind CSS.
- **Database**: SQL, SQLite, MongoDB, Vector Database.
- **ML:** Regression, Classification, Clustering, Decision Tree, Ensemble Method.
- **Data Tools**: Excel, Jupyter Notebooks, Docker (basic), Git & GitHub, VS Code, Postman.
- **Visualization:** Matplotlib, Seaborn, Power BI
- **Deployments:** Django, Flask, FastAPI, AWS (basic).

PROJECTS

1. *Debate Assistant AI:*
   - Built a smart assistant that supports voice/text interaction on pollution topics.
   - Integrated speech-to-text (STT), text-to-speech (TTS), NLP, and real-time fact-checking with Wikipedia/news APIs.
2. *Construction Web App:*
   - Role-based system for managing construction project tasks, materials, and site reports.
   - Built with MERN + Tailwind CSS; included dashboards for Admin, Engineers, and Workers.

INTERNSHIPS & TRAINING

1. **Front-End Developer Intern**

Sri Balaji Infotech, Lucknow | Aug 2022 – Nov 2022
   - Built an e-learning platform frontend using HTML, CSS, and JavaScript.
   - Developed "Learn Skills" platform using Python and Django.

2. **Web Development Intern**

Aikam India, Lucknow | Mar 2023 – May 2023
   - Created a Web CMS using Python + Django with responsive mobile support.
   - Collaborated with backend team to scale dynamic content delivery.

CERTIFICATIONS & ACHIEVEMENTS

- MERN Full Stack Development – EduNet & EY
- Python for Data Science – Great Learning
- Web Development – Aikam India
- Python with Django – Sri Balaji Infotech
- CSS Assessment – HackerRank
- Cyber Security Workshop – AKTU & UP Police, 2021

EDUCATION

- **MCA – Data Science & AI** | BBDU, Lucknow / 2025 | **8.68 CGPA**
- **BCA** | GIHSM (University of Lucknow) | 2023 | **80.64%**
- **12th** | C.R.T.S.V.M.I.C, Maharajganj | 2020 / **70.2%**
- **10th** | S.I.C, Kushinagar | 2018 | **78.33%**