

Prem Kumar Yadav

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PROFESSIONAL SUMMARY

Motivated MCA (DS & AI) graduate 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

- **Languages:** Python, JavaScript, C++, Java, HTML/CSS
- **Web Development:** React.js, Node.js, Express.js, MongoDB, Django, SQLite, SQL
- **AI/ML Tools:** Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, PyTorch (basic)
- **Other Tools:** Git, GitHub, VS Code, Postman, Jupyter Notebooks, Docker (basic)
- **Platforms:** Windows, Linux, Google Colab

PROJECTS

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.

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

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.

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 | **8.79 SGPA**
- 🎓 **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%**