Prince Raj

07301742128 | princeraj1161@gmail.com | Patna, Bihar

Projects

SmartInternz | Patna, Bihar
AI and ML | 08/2023 - 11/2023
AI & ML Traffic Intelligence Model Developer

- Developed Traffic Intelligence models utilizing various ML algorithms.
- Expertise in regression models, time series models, neural networks, and ensemble models.
- Conducted rigorous model evaluation and optimization, selecting the most effective for real-world deployment.
- Achieved improved traffic prediction accuracy and decision-making capabilities.

Achievements:

- Implemented selected model, resulting in enhanced traffic insights.
- Demonstrated adaptability with continuous monitoring and model refinement.

Technologies:

- Python, Scikit-Learn, TensorFlow, Keras
- Pandas, NumPy for data preprocessing
- Evaluation metrics: MAE, MSE, R-squared

Voting Appilcation | Patna, Bihar
Frontend and Backend Developer | 08/2023 - 11/2023

- **Frontend:** Designed and implemented responsive web interfaces using HTML, CSS, and React.js. Collaborated with UI/UX designers to integrate design elements seamlessly.
- **Backend:** Developed RESTful APIs with Node.js and Express.js for efficient communication. Implemented user authentication and authorization mechanisms.
- **Database Management:** Proficient in MongoDB for database design, deployment, and optimization. Created and maintained MongoDB schemas to support evolving application needs.

Technologies:

- Frontend: HTML, CSS, JavaScript, React.js
- Backend: Node.js, Express.js
- Database: MongoDB

Skills

C/C++, Java, Python, R, SQL, MongoDB, Next.js, JavaScript, AI and ML, DataScience

Education

Vellore Institute of Technology | Vellore, TAMIL NADU
B.Tech | 06/2025
--> 8.4 CGPA

--> Learned Data Structure and Algorithm, Digital Design, Data Science, OOPs.