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| Umang Purwar | Bengaluru, Karnataka | [LinkedIn](https://www.linkedin.com/in/umangpurwar/),  9795033653 | [Portfolio](https://umangpurwar1.wordpress.com/) | [umangpurwar03@gmail.com](mailto:umangpurwar03@gmail.com) |  |
| I am skilled in Python, data analysis, and artificial intelligence. I have experience in computer vision, machine learning, and NLP. I also have practical knowledge of AWS, Power BI, and deep learning frameworks. | | |  |
| Experience **JR. Data scienTIST** | Innodatatics | Hyderabad, India | Dec/2023- Present • AI-driven projects in computer vision, optimizing models for precise image analysis and interpretation.  • Engineered NLP algorithms to extract actionable insights from vast textual datasets, facilitating informed decision-making.  • Contributed to cross-functional teams, integrating AI solutions to enhance operational efficiency and client satisfaction. Data science Intern | Innodatatics | Hyderabad, India | April/2023- Dec/2023 • Spearheaded data cleaning and feature engineering initiatives, optimizing marketing strategies and increasing conversion rates by 25%.  • •Implemented NLP sentiment analysis, increasing positive sentiment scores by 20%.  • •Developed and implemented an advanced image analysis and OCR system to automate TMT rod counting and Bar Bending Schedule; achieved a time savings of 80% and reduced manual errors by 90%.  • •Skilled in Python, CNN, YOLO, and AWS (ec2) for training. | | |  |
| SKILLS •**Technical Skills**: MLops, Artificial Intelligence, Machine Learning, Computer Vision, Web scrapping, NLP, Large Language model, Data Analysis, Data Visualization, Neural Networks.  •**Familiar Tech stack:** Python, SQL, MS EXCEL, AWS, PowerBI, TensorFlow, Keras, PyTorch, NumPy, Pandas, Scikit-learn, OpenCV, statsmodels | | |  |
| PROJECTS • **Domain Chatbot,** Peerlist Hackathon  Your AI Assistant: Seamlessly Extracting Insights from URLs, PDFs, and CSVs with Lamma 2  **Skills:** NLU | LLM | Deep Learning| TensorFlow | NLP | Transfer Learning | FIASS  • **Wooden Pallets Sales Analysis**, Innodatatics  Applied Python and EDA to analyze sales data for wooden pallets, identifying trends, customer preferences, and areas for sales optimization.  **Skills:** **﻿**Python | SQL | MS Excel | Data Analysis | EDA | Trend Identification | Sales Optimization. | • **Sales Tracking Dashboard for TMT Rods Across India,** Innodatatics Developed a dynamic PowerBI dashboard tracking sales of TMT rods for various clients across India, featuring key metrics, client-wise sales, geographical filters, and diverse chart representation.**Skills:** PowerBI | sales analytics | data visualization. • **BAR-BENDING-SCHEDULING,** Innodatatics  Streamlining construction, automating data extraction, developing image analysis OCR system, saving time, improving accuracy, and enhancing efficiency.  **Skills:** Python programming | CNN | Computer Vision | YOLO | OCR | Image processing techniques (padding, contour detection, etc.) | AWS deployment. | |  |
| EDUCATION Bachelor of technology  Dr. Ambedkar institute of technology for handicapped | Kanpur, India | 2018-2022 | PUBLICATIONS [**Improving Construction Efficiency with Artificial Intelligence: Automated Bar Bending Schedule Generation,**](https://tijer.org/viewpaperforall?paper=TIJER2309124)  TIJER - INTERNATIONAL RESEARCH JOURNAL | |  |
| Certifications • [AI and ML Nano Degree-PrepInsta- February 2023](https://drive.google.com/file/d/1zCKF-Kxk9kuTmvfCXkShj8AiZ43ZPSCj/view?usp=sharing)  • [Data Science with AI in Python Programming-360digiTMG- September 2022](https://360digitmg.com/verifier/f3d5230f-73c1-4422-83de-148feca09629)  • [Data Science, Nasscom - Issued on May](https://drive.google.com/file/d/1xELQtYpCmH8dTPo_YlUi0Pu6Hlm-fQ7Q/view?usp=sharing)  • [PowerBI- PrepInsta- February 2023](https://drive.google.com/file/d/1-Qa59OkCabHiYue40CRTOeTHm2mnfd3M/view?usp=sharing)  • [Python Fundamentals, Nasscom-Issued on May](https://fsp-assessment-certificates.s3-ap-southeast-1.amazonaws.com/UmangPurwar-4374.pdf) | HOBBIES Watching Netflix, Playing Badminton, Travelling, Trekking. Languages Hindi, English | |  |