

Abhishek Raghuwanshi

Major in Technology and Development

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Gender – Male

DOB: 05/07/1999 LinkedIn - Abhishek

Portfolio - <u>Abhishek</u>

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2024	8.09
PROFESSIONAL EXPERIENCE				
Ministry of Agriculture and Farmers Welfare Research Associate (AI)	 Vectorized documents Integrated a RAG pipel Designed an interactive Containerized using Documents Soybean Images Classificate Developed a classificate Implemented comprehe Achieved an F1-score of Full Stack Developer Developed a Leave Ma 	based Chatbot for Ministry of Agriculture using LangChain and HuggingFace Embeddings, storing data line with LLaMA-3.1 using Groq API for conversational AI wire web chat interface leveraging Streamlit for seamless quere ocker and deployed on Hugging Face Spaces, implementing Conversational AI	a in Chroma th memory r y interaction CI/CD pipelir ation of ~10 imize model on low-qualit GQL, to impre	M+ images performance y images [Jul'24 – Dec'24] ove employee
iNDX.Ai Full Stack Developer	 Created a Music Streaming Platform from scratch, implementing features such as user playlists, song recommendations, and media streaming with Svelte for a dynamic frontend, supported by a Node.js and PostgreSQL backend, utilized Git and Bitbucket for collaboration with cross-functional teams 			
WORLD BANK Research Intern	Created dataset of 50+Analyzed health data h	lization of HMIS and NFHS-5 Dataset for Manipur State - major health indicators out of 250+ indicators using Exploinaving 1.5lac records using Python and performed ETL operative Dashboard that gives relationship among different indicative.	ratory Data A	PostgreSQL
		KEY PROJECTS		
NATURAL LANGUAGE PROCESSING (NLP)	Compared performance	nemand Forecasting for E-commerce te of LSTM & Naive Bayes classifier in classifying 99000+ twe 18.01% with LSTM on applying GloVe word embedding & 76 .	ets as positi	_
MACHINE LEARNING APPLICATION	Effectiveness of various Machine Learning Algorithms in Predicting the Stock Prices of NIFTY [Jan'23 - May'23 ■ Utilized Y Finance API for model training/testing & employed data prep techniques & feature selection ■ Evaluated performance of LSTM, SVR, Ridge Regression, Random Forest using MAE, RMSE, NRMSE, R ² ■ Achieved the best R ² value of 0.84 through LSTM by using hyper-parameter tuning and cross-validation			
	LEADE	RSHIP & ORGANIZATIONAL EXPERIENCE		
ASSOCIATE PLACEMENT MANAGER Initiatives	Student Head Institute Placement Team Leading a 3 tier-team of 300+ members entrusted with placements and internships of 4100+ students Achieved 14% higher selection on Internship Day 1 by redesigning the model & reducing redundant interview Pioneered sector specific mock assessments; achieved 80%+ positive feedback, 68% increase in participation Deployed a central resume verification portal to upgrade user experience & security; saving 150+ man-hour Negotiated deal to introduce a structured analytics & quant test preparation platform; aided 1500+ student Reduced duplicates in target firms by 43%, to establish optimized contacting & uniform load per coordinato Introduced an advanced offer acceptance mechanism; automated shortlist tracking, to save 70+ man-hours			participation participation h man-hours 600+ students r coordinator
Policy Making	-	e analysis of pre-existing job categorization model to redefine	-	_
incommendation and the control				
EXTRA-CURRICULAR ACTIVITIES ■ Received Certificate of Excellence for APM tenure from Placement Office IIT Bombay				
CERTIFICATES & ACHIEVEMENTS	 Secured Gold Medal in Hobbies: Playing Crick Interest Areas: NLP N 	n Carrom for Hostel-18 under Hostel General Championship et & Carrom, Watching Anime & Movies, Listening Music, ar IL DL Agentic Al LLMs ChatGPT GenAl Transformers CV 0	2022 nd Reading B CNN Data Pi	pelines
RELEVANT SKILLS	Libraries/Frameworks: PyTorch, TensorFlow, Scikit-learn, Matplotlib, NumPy, Pandas, Express.js, Node.js Programming Languages: Python, JavaScript Tools: PostgreSQL, MySQL, MS – Excel, Tableau, Power BI, QGIS, Microsoft Projects, Git, Bitbucket, GitHub Soft Skills: Teamwork, Postgripg, Communication, Londorship, Problem, Solving, Croativity, Management			cket, GitHub

Soft Skills: Teamwork, Reasoning, Communication, Leadership, Problem-Solving, Creativity, Management