



Abhishek Raghuwanshi
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22M0204
M.Tech.
Gender: Male
DOB: 05/07/199

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2024	8.09
PROFESSIONAL EXPERIENCE				
<div>iNDX.Ai</div> <div>Full Stack Developer</div>	<div>Full Stack Developer<div>[Jul'24 – Dec'24]</div></div> <div><div><div>▪ Developed a Leave Management Application using Node.js, Express, and PostgreSQL, to improve employee leave request efficiency by automating approval workflows and integrating Sequelize for database interaction</div><div>▪ 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</div></div></div>			
	<div>WORLD BANK</div> <div>Research Intern</div>	<div>Data Analysis and Visualization of HMIS and NFHS-5 Dataset for Manipur State<div>[May'23 - Jun'23]</div></div> <div><div><div>▪ Created dataset of 50+ major health indicators out of 250+ indicators using Exploratory Data Analysis</div><div>▪ Analyzed health data having 1.5lac records using Python and performed ETL operations using PostgreSQL</div><div>▪ Developed an interactive Dashboard that gives relationship among different indicators using Tableau</div></div></div>		
LEADERSHIP & ORGANIZATIONAL EXPERIENCE				
<div>ASSOCIATE PLACEMENT MANAGER</div> <div>Initiatives</div>	<div>Student Head Institute Placement Team<div>[Sep'22 – Dec'22]</div></div> <div>Leading a 3 tier-team of 300+ members entrusted with placements and internships of 4100+ students</div> <div><div><div>▪ Achieved 14% higher selection on Internship Day 1 by redesigning the model & reducing redundant interviews</div><div>▪ Pioneered sector specific mock assessments; achieved 80%+ positive feedback, 68% increase in participation</div><div>▪ Deployed a central resume verification portal to upgrade user experience & security; saving 150+ man-hours</div><div>▪ Negotiated deal to introduce a structured analytics & quant test preparation platform; aided 1500+ students</div><div>▪ Reduced duplicates in target firms by 43%, to establish optimized contacting & uniform load per coordinator</div><div>▪ Introduced an advanced offer acceptance mechanism; automated shortlist tracking, to save 70+ man-hours</div></div></div>			
	<div>Policy Making</div>	<div><div>▪ Performed quantitative analysis of pre-existing job categorization model to redefine the compensation ranges</div><div>▪ Reformed the Student Placement Policy to resolve disparity in Bonus & 2nd job opportunities for IDC students</div></div>		
<div>COMPANY COORDINATOR</div>	<div>Felicitated with Special Mention (6 out of 36) in cognizance of exceptional contribution<div>[Jun'23 - Jun'24]</div></div> <div><div><div>▪ Single-handedly accounted for 15.9% of total non-core offers (62 of 388) through databasing and contacting</div><div>▪ Garnered 11.2% growth in total non-core and core placement through a strategized year-long plan of action</div><div>▪ Led a team of 8 Interview Coordinators to handle on ground operations of the Institute Placement Interviews</div><div>▪ Liaised with 200+ firms, expanded non-core database by 150+ firms; conducted 10 aptitude and coding tests</div></div></div>			
KEY PROJECTS				
<div>MACHINE LEARNING APPLICATION</div>	<div>Effectiveness of various Machine Learning Algorithms in Predicting the Stock Prices of NIFTY<div>[Jan'23 - May'23]</div></div> <div><div><div>▪ Utilized Y Finance API for model training/testing & employed data prep techniques & feature selection</div><div>▪ Evaluated performance of LSTM, SVR, Ridge Regression, Random Forest using MAE, RMSE, NRMSE, R²</div><div>▪ Achieved the best R² value of 0.84 through LSTM by using hyper-parameter tuning and cross-validation</div></div></div>			
	<div>PROJECT MANAGEMENT</div>	<div>Business Plan for the Generation of Large-Scale Rural Livelihoods in Punhai Village, Maharashtra<div>[Jan'24 - Jun'24]</div></div> <div><div><div>▪ Designing business model worth {₹} 1M, 10M, & 100M for SHG, NGO & Development Project respectively</div><div>▪ Performing financial risk assessment & analyzing supply chain management to check viability of project</div><div>▪ Applied Project Management techniques: Time Cost Trade-off, Monitoring & Control and Cost Control</div></div></div>		
<div>NATURAL LANGUAGE PROCESSING (NLP)</div>	<div>Natural Language Processing based Twitter Data Sentiment Analysis<div>[Apr'23 - Jun'23]</div></div> <div><div><div>▪ Compared performance of LSTM & Naive Bayes classifier in classifying 99000+ tweets as positive & negative</div><div>▪ Achieved accuracy of 78.01% with LSTM on applying GloVe word embedding & 76.35% with Multinomial NB</div></div></div>			
EXTRA-CURRICULAR ACTIVITIES				
<div>CERTIFICATES & ACHIEVEMENTS</div>	<div><div><div>▪ Received Certificate of Excellence for APM tenure from Placement Office IIT Bombay</div><div>▪ Secured Gold Medal in Carrom for Hostel-18 under Hostel General Championship 2022</div><div>▪ Curriculum writer for Women Empowerment and Girl Education at Team Everest NGO</div><div>▪ Fund raising intern for the Malnourished Children of Delhi at Hamari Pahchan NGO</div><div>▪ Hobbies: Playing Cricket & Carrom, Watching Anime & Movies, Listening Music, and Reading Books</div></div></div>			
	<div>RELEVANT SKILLS</div>	<div><div><div>Libraries/Frameworks: PyTorch, TensorFlow, Scikit-learn, Matplotlib, NumPy, Pandas, Express.js, Node.js</div><div>Programming Languages: Python, JavaScript</div><div>Tools: PostgreSQL, MySQL, MS – Excel, Tableau, Power BI, QGIS, Microsoft Projects, Git, Bitbucket, GitHub</div><div>Soft Skills: Teamwork, Reasoning, Communication, Leadership, Problem-Solving, Creativity, Management</div></div></div>		