



Abhishek Raghuwanshi
Technology and Development
Indian Institute of Technology Bombay
Mobile Number – +91 7067242829
Email – abhishekraghuwanshi2022@gmail.com
LinkedIn - [Linkedin](#)

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> <ul style="list-style-type: none">Developed a Leave Management Application using Node.js, Express, and PostgreSQL, improving employee leave request efficiency by automating approval workflows and integrating Sequelize for database interactionCreated 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 backendCollaborated with cross-functional teams to ensure seamless deployment and code integration using Git and Bitbucket, achieving a 20% faster delivery cycle			
	<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> <ul style="list-style-type: none">Created dataset of 50+ major health indicators out of 250+ indicators using Exploratory Data AnalysisAnalyzed health data having 1.5lac records using Python and performed ETL operations using PostgreSQLDeveloped and interactive Dashboard that gives relationship among different indicators using Tableau		
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> <ul style="list-style-type: none">Achieved 14% higher selection on Internship Day 1 by redesigning the model & reducing redundant interviewsPioneered sector specific mock assessments; achieved 80%+ positive feedback, 68% increase in participationDeployed a central resume verification portal to upgrade user experience & security; saving 150+ man-hoursNegotiated deal to introduce a structured analytics & quant test preparation platform; aided 1500+ studentsReduced duplicates in target firms by 43%, to establish optimized contacting & uniform load per coordinatorIntroduced an advanced offer acceptance mechanism; automated shortlist tracking, to save 70+ man-hours			
	<div>Policy Making</div>	<ul style="list-style-type: none">Performed quantitative analysis of pre-existing job categorization model to redefine the compensation rangesReformed the Student Placement Policy to resolve disparity in Bonus & 2nd job opportunities for IDC students		
<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> <ul style="list-style-type: none">Single-handedly accounted for 15.9% of total non-core offers (62 of 388) through databasing and contactingGarnered 11.2% growth in total non-core and core placement through a strategized year-long plan of actionLed a team of 8 Interview Coordinators to handle on ground operations of the Institute Placement InterviewsLiaised with 200+ firms, expanded non-core database by 150+ firms; conducted 10 aptitude and coding tests			
KEY PROJECTS				
<div>MACHINE LEARNING APPLICATION</div> <div>PROJECT MANAGEMENT</div>	<div>Effectiveness of various Machine Learning Algorithms in Predicting the Stock Prices of NIFTY<div>Jan'23 - May'23</div></div> <ul style="list-style-type: none">Utilized Y Finance API for model training/testing & employed data prep techniques & feature selectionEvaluated performance of LSTM, SVR, Ridge Regression, Random Forest using MAE, RMSE, NRMSE, R²Achieved the best R² value of 0.84 through LSTM by using hyper-parameter tuning and cross-validation			
	<div>NATURAL LANGUAGE PROCESSING (NLP)</div>	<div>Business Plan for the Generation of Large-Scale Rural Livelihoods in Punhai Village, Maharashtra<div>Jan'24 - Jun'24</div></div> <ul style="list-style-type: none">Designing business model worth {₹} 1M, 10M, & 100M for SHG, NGO & Development Project respectivelyPerforming financial risk assessment & analyzing supply chain management to check viability of projectApplied Project Management techniques: Time Cost Trade-off, Monitoring & Control and Cost Control		
	<div>Natural Language Processing based Twitter Data Sentiment Analysis<div>Apr'23 - Jun'23</div></div> <ul style="list-style-type: none">Compared performance of LSTM & Naive Bayes classifier in classifying 99000+ tweets as positive & negativeAchieved accuracy of 74.90% with LSTM on applying GloVe word embedding & 71.16% with Multinomial NB			
EXTRA-CURRICULAR ACTIVITIES				
<div>CERTIFICATES & ACHIEVEMENTS</div>	<ul style="list-style-type: none">Received Certificate of Excellence for APM tenure from Placement Office IIT BombaySecured Gold Medal in Carrom for Hostel-18 under Hostel General Championship 2022Curriculum writer for Women Empowerment and Girl Education at Team Everest NGOFund raising intern for the Malnourished Children of Delhi at Hamari Pahchan NGOHobbies: Playing Cricket & Carrom, Watching Anime & Movies, Listening Music, and Reading Books			
<div>RELEVANT SKILLS</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>			