



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

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				
iNDX.Ai Full Stack Developer	Full Stack Developer [Jul'24 – Dec'24] <ul style="list-style-type: none"><li>Developed a <b>Leave Management Application</b> using <b>Node.js</b>, <b>Express</b>, and <b>PostgreSQL</b>, to improve employee leave request efficiency by automating approval workflows and integrating <b>Sequelize</b> for database interaction</li><li>Created a <b>Music Streaming Platform</b> from scratch, implementing features such as user playlists, song recommendations, and media streaming with <b>Svelte</b> for a dynamic frontend, supported by a <b>Node.js</b> and <b>PostgreSQL</b> backend, utilized <b>Git</b> and <b>Bitbucket</b> for collaboration with cross-functional teams</li></ul>			
	WORLD BANK Research Intern	Data Analysis and Visualization of HMIS and NFHS-5 Dataset for Manipur State [May'23 - Jun'23] <ul style="list-style-type: none"><li>Created dataset of <b>50+ major health indicators</b> out of <b>250+ indicators</b> using <b>Exploratory Data Analysis</b></li><li><b>Analyzed</b> health data having 1.5lac records using <b>Python</b> and performed <b>ETL operations</b> using <b>PostgreSQL</b></li><li><b>Developed</b> an interactive <b>Dashboard</b> that gives relationship among different indicators using <b>Tableau</b></li></ul>		
LEADERSHIP & ORGANIZATIONAL EXPERIENCE				
ASSOCIATE PLACEMENT MANAGER  Initiatives	Student Head   Institute Placement Team [Sep'22 – Dec'22] Leading a 3 tier-team of <b>300+ members</b> entrusted with placements and internships of <b>4100+ students</b> <ul style="list-style-type: none"><li>Achieved <b>14%</b> higher selection on Internship Day 1 by redesigning the model &amp; reducing redundant interviews</li><li>Pioneered sector specific mock assessments; achieved <b>80%+ positive</b> feedback, <b>68% increase</b> in participation</li><li>Deployed a central resume verification portal to upgrade user experience &amp; security; saving <b>150+ man-hours</b></li><li><b>Negotiated</b> deal to introduce a structured analytics &amp; quant test preparation platform; aided <b>1500+</b> students</li><li>Reduced duplicates in target firms by <b>43%</b>, to establish optimized contacting &amp; uniform load per coordinator</li><li>Introduced an advanced offer acceptance mechanism; automated shortlist tracking, to save <b>70+ man-hours</b></li></ul>			
	Policy Making	<ul style="list-style-type: none"><li>Performed quantitative analysis of pre-existing job categorization model to redefine the compensation ranges</li><li>Reformed the <b>Student Placement Policy</b> to resolve disparity in Bonus &amp; 2<sup>nd</sup> job opportunities for IDC students</li></ul>		
COMPANY COORDINATOR	Felicitated with <b>Special Mention (6 out of 36)</b> in cognizance of exceptional contribution [Jun'23 - Jun'24] <ul style="list-style-type: none"><li>Single-handedly accounted for <b>15.9%</b> of total non-core offers (<b>62 of 388</b>) through databasing and contacting</li><li>Garnered <b>11.2% growth</b> in total non-core and core placement through a strategized year-long plan of action</li><li>Led a team of <b>8</b> Interview Coordinators to handle on ground operations of the Institute Placement Interviews</li><li>Liaised with <b>200+ firms</b>, expanded non-core database by <b>150+ firms</b>; conducted <b>10</b> aptitude and coding tests</li></ul>			
KEY PROJECTS				
MACHINE LEARNING APPLICATION	Effectiveness of various Machine Learning Algorithms in Predicting the Stock Prices of NIFTY [Jan'23 - May'23] <ul style="list-style-type: none"><li>Utilized <b>Y Finance API</b> for model training/testing &amp; employed <b>data prep techniques &amp; feature selection</b></li><li>Evaluated performance of <b>LSTM, SVR, Ridge Regression, Random Forest</b> using <b>MAE, RMSE, NRMSE, R<sup>2</sup></b></li><li>Achieved the best <b>R<sup>2</sup></b> value of <b>0.84</b> through LSTM by using <b>hyper-parameter tuning and cross-validation</b></li></ul>			
PROJECT MANAGEMENT	Business Plan for the Generation of Large-Scale Rural Livelihoods in Punhai Village, Maharashtra [Jan'24 - Jun'24] <ul style="list-style-type: none"><li>Designing <b>business model</b> worth {₹} <b>1M, 10M, &amp; 100M</b> for SHG, NGO &amp; Development Project respectively</li><li>Performing <b>financial risk assessment</b> &amp; analyzing <b>supply chain management</b> to check viability of project</li><li>Applied Project Management techniques: <b>Time Cost Trade-off, Monitoring &amp; Control and Cost Control</b></li></ul>			
NATURAL LANGUAGE PROCESSING (NLP)	Natural Language Processing based Twitter Data Sentiment Analysis [Apr'23 - Jun'23] <ul style="list-style-type: none"><li>Compared performance of <b>LSTM &amp; Naive Bayes</b> classifier in classifying 99000+ tweets as positive &amp; negative</li><li>Achieved accuracy of <b>74.90%</b> with LSTM on applying <b>GloVe</b> word embedding &amp; <b>71.16%</b> with <b>Multinomial NB</b></li></ul>			
EXTRA-CURRICULAR ACTIVITIES				
CERTIFICATES & ACHIEVEMENTS	<ul style="list-style-type: none"><li>Received <b>Certificate of Excellence</b> for APM tenure from Placement Office IIT Bombay</li><li>Secured <b>Gold Medal</b> in <b>Carrom</b> for Hostel-18 under Hostel General Championship 2022</li><li>Curriculum writer for <b>Women Empowerment</b> and Girl Education at Team Everest NGO</li><li>Fund raising intern for the <b>Malnourished Children</b> of Delhi at Hamari Pahchan NGO</li><li><b>Hobbies:</b> Playing Cricket &amp; Carrom, Watching Anime &amp; Movies, Listening Music, and Reading Books</li></ul>			
RELEVANT SKILLS	<b>Libraries/Frameworks:</b> PyTorch, TensorFlow, Scikit-learn, Matplotlib, NumPy, Pandas, Express.js, Node.js <b>Programming Languages:</b> Python, JavaScript <b>Tools:</b> PostgreSQL, MySQL, MS – Excel, Tableau, Power BI, QGIS, Microsoft Projects, Git, Bitbucket, GitHub <b>Soft Skills:</b> Teamwork, Reasoning, Communication, Leadership, Problem-Solving, Creativity, Management			