

Dhruv Patel
B. Tech 2025
Mechanical Engineering
Indian Institute of Technology, Bombay

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PROFESSIONAL EXPERIENCE

Awarded a Letter of Recommendation from the Chief Growth Officer for impactful results in growth initiatives • Facilitated the startup's enrolment in Stanford Seed Spark, enhancing growth opportunities Initiatives • Developed product strategy, generating 50 leads & refining positioning via 10 user interviews Languify Pvt. Ltd. Optimized acquisition campaigns via 15 A/B tests, achieving a peak CTR of 39% & CVR of 22% Product Growth Intern Optimization [Mar '24 - Jul '24] • Launched a talent acquisition program, securing hires from 7 colleges by optimizing KPIs & pipeline • Produced 10 B2B product videos addressing user pain points to enhance product awareness Content & • Strategized 1 lakh-user database, driving community engagement to support feature launches Community Launched automated content research, recommendation, and summarization system for content creators Cruxe Technology • Devised and executed effective go-to-market strategies, driving initial traction and securing first 4K+ users Growth Strategy Intern [Jan '23 - Feb '23] • Collaborated with over 60 creators to execute an influencer marketing campaign and gather user feedback

POSITIONS OF RESPONSIBILITY

Media & Operations Manager Institute Technical Council [Apr '23 — Mar '24]	Bestowed Organization Special Mention by Dean (SA) for advancing technical initiatives and visibility in ITC		
	Leadership	Managed a budget of INR 2M+ to organize and publicise 30+ technical events and exhibitions	
		 Spearheaded Tech RnD Expo, exhibiting 70+ projects to 150+ professionals and 12K+ attendees Led Inter-IIT Tech Meet promotion, boosting contingent participation and securing 3rd place 	
	Impact	 Increased average views to 25K by pioneering Al visuals and advanced media equipment Achieved a 412% increase in Instagram reach and a 52% growth in social media following 	

Design Coordinator

Student Alumni Relation Cell [Jul '22 — Mar '23] Collaborated with a team of 5 to craft 100+ graphics and videos, strengthening alumni-student connections

- Conceptualized theme-based publicity of annual Phonathon event, generating 3x increase in volunteerism
- Designed UI/UX for the centralized website, optimizing 10+ pages to enhance the experience for 75K+ users
- Moderated key interviews with distinguished alumni, engaging 400+ students during 2-day flagship event

KEY PROJECTS

Cloud Computing	Resource allocation using mathematical modeling Course Project Department of Mechanical Engineering			
Optimization	• Developed cost optimization model for AWS EC2 instances using Linear Programming & Sensitivity Analysis			
[Jan '24 — Feb '24]	• Applied DOcplex for optimization & Matplotlib for visualizations, achieving up to 60% reduction in expenses			
Automated	Sentimental analysis application in contact center Course Project Desai Sethi School of Entrepreneurship			
Call Audit	• Conducted customer discovery with 4 companies and created wireframe for an audio analysis tool on Figma			
[Sep '23 — Nov '23]	• Built multilingual prototype for analysis with NLP & ASR, using BERT models, google STT & Python libraries			
Project Assistant	Application of generative AI in personalized learning Entrepreneurship Project			
Website	• Conceptualised 5 key web pages and user flows, and curated 60+ industry-relevant projects from 6 genres			
[May '23 — Jun '23]	• Created MVP with Django, JavaScript, HTML & CSS, integrating GPT models to automate content generation			
ShareChat	Analysed AARRR Metrics & GTM strategy across 3 Indian tiers Self Project			
Product Analysis	• Charted user behavior by reviewing 5 papers, and performing 10 days of hands-on testing in 3 languages			
[Jul '24]	• Simplified onboarding process, optimized pricing model, and developed growth strategy based on insights			
Semi-Autonomous	Custom-controlled drone system with navigation Summer Project Institute Technical Council, IIT Bombay			
Delivery System	• Simulated operations using Robot Operating System (ROS) and Jazibo for waypoint navigation and control			
[Mar '22 — Jun '22]	• Engineered delivery drone with 1kg+ payload and object-dropping capability with Raspberry Pi controller			

EXTRACURRICULAR ACTIVITIES

• Bagged 2nd place in product development PS at the Inter-IIT Tech Meet as part of IIT Bombay's conting • Placed 4th out of 50+ teams in the Product Management GC by proposing a resource management solut				
• 2nd in Short Film GC, Best Visuals as DOP & Editor • 1st Rank in Freshiezza Spoof Video Competition				
Filmmaking • 1st Rank in NCC short Filmmaking Competition • Produced product demo videos for 5 companies				
• Directed the E-Summit'23 TV ad, airing 16 times on the national news channel NDTV reaching 5M+ viewe	rs			
• Researched and created 130+ content on 20 entrepreneurs, profiled 30+ companies and business case	es			
• Garnered 12.4L+ views and 2.9K subscribers on YouTube, with a community of 1.1K followers on Instagr	am			
• Achieved percentile of 99.50 (1M students) in JEE Mains 21' & 98.40 (0.14M students) in JEE Advanced	21'			
• Secured District Rank 1 in JNVST , earning a full merit-based scholarship covering all expenses for 2 years.	ars			
Technical Skills • Python, JavaScript, SQL, Django, Pandas, NumPy, Pytorch, Google Analytics, Hotjar, Adobe Creative Su	• Python, JavaScript, SQL, Django, Pandas, NumPy, Pytorch, Google Analytics, Hotjar, Adobe Creative Suite			
NCC • Completed one-year military training at National Cadet Corps, 2 Maharashtra Engineers Regiment, II	• Completed one-year military training at National Cadet Corps, 2 Maharashtra Engineers Regiment, IITB			