

Academic Record			
MBA	74.88%	IIM Ranchi	2027
B.Tech (ECE)	7.64/10	NIT Patna	2022
Class XII	89%	P D Convent Sr Sec School, Rajasthan (B.S.E.R.)	2017
Class X	81.5%	Adarsh Vidya Mandir SS, Rajasthan (B.S.E.R.)	2015
Academic Achievements	<ul style="list-style-type: none">Secured Top 1.70%ile out of 1M+ pool of students in JEE Mains 2018 conducted by CBSESecured 3rd out of 1000+ student in Rajakhera city with 89% overall and 96.67% in PCM		2018 2017
Work Experience			35 Months
Reliance Jio Infocomm, Bengaluru		Software Development Engineer 2	June'22 – May'25
Delivered JNOPSRest & VaultServer for PTT; Pioneered SimpleFlashTools, KeyGenApp , bootloader for JioPhone ecosystem			
Backend Infrastructure Development	<ul style="list-style-type: none">Spearheaded 3-member team to build JNOPSRest server, data processing layer for Push-To-Talk systemsAttained 20% efficiency gain by accelerating PTT backend server delivery through execution excellenceOptimized system response time by 33%, enhancing user experience and aligning with business goalsPrototyped 2 scalable backend servers for processing & security, handling 5K+ req/sec from 3 clientsLed end-to-end PTT backend at RIL Jamnagar, enabling secure communication for 450K+ min/day		
Security Protocol Engineering	<ul style="list-style-type: none">Developed SimpleFlashTool for 1,000+ Jio centers, securing 8.4M+ devices with robust protocol designTailored Online SFT to automate KMS-linked auth, cutting 30+ min wait for 3000+ monthly approvalsFormulated SIM-based APDU auth, enabling smooth delivery of 3M+ JioPhone Prima from Neolync OEM		
Process Automation	<ul style="list-style-type: none">Directed factory provisioning overhaul at Neolync, elevating both security and productivity metricsCreated KeyGenApp for 3 vendors incl. 2 MNCs, avoiding 10+hr time zone delays in 12+ cases/monthEngineered Autobootloader Unlocker to speed up setup and eliminate 10+ min manual work per device		
Virtual Live Project & Academic Project			6 Months
Skilled Sapiens		Sales and Marketing Manager	July'25 – July'25
Marketing strategy Enhancement	<ul style="list-style-type: none">Evaluated 50+ social media and email campaigns, boosting reach and content engagement by 25%Defined 5+ actionable KPIs and implemented tracking tools for continuous data-driven optimizationAnalyzed preferences of 800+ users across 3 segments to improve targeting and campaign impactIncreased program inquiries by 30% through targeted campaigns, competitor audit and trend analysis		
NIT Patna		Protégé Engineer	January'22 – April'22
Thermal Efficiency Modelling	<ul style="list-style-type: none">Designed a junction-less transistor achieving both high gain and enhanced thermal efficiency metricesModeled high-gain transistor using heat-shrink tunneling, enhancing thermal efficiency level by 20%		
NIT Patna		Summer Intern	May'21 – June'21
Antenna Prototyping	<ul style="list-style-type: none">Designed unidirectional square ring WLAN antenna with cascaded rings, achieving 28%+ gain boostAnalyzed antenna models by Silvaco & core ECE to optimize gain for high-performance base stations		
Position of Responsibility			
Engineering Lead- Head PTT backend for 10K+ users via RestSpringBoot & VaultServer ensuring high robustness			2024-25
POC- Facilitated vendor-management sync as POC, ensuring secure JioPhone operation and swift issue resolution			2022-25
Annual function Coordinator- Attracted total 1,150+ footfall, collaborated with 10+ peers for smooth execution			2017
Certifications			
Introduction to Sustainable Finance- SEB and GIZ under UN PAGE , focused on green economy in G20 EM markets			2025
London Market Claims Adjuster Job Simulation - London insurance Life and Forage; Assess a first notice of loss			2025
London Market Claims Operation Job Simulation - London insurance Life and Forage; Introduction to Claim operation			2025
Investment Management Job Simulation – Fidelity and Forage ; asset analysis and multi-asset portfolio construction			2025
Post graduation program in Product management - Henry Harvin; gained 84%, covered 9 product modules			2025
GenAI for Product Managers – Coursera; applying AI in product ideation, research and workflow automation			2025
Introduction to Machine Learning – NPTEL, achieved 96%, certified by Indian Institute of Technology (IITM), Madras			2020
Extra-Curricular Achievements			
Ranked among top 1,000 coders in India on GeeksforGeeks 2022, with consistent problem-solving streaks in C & C++			2022
Finalist in East Zone Tata Crucible Hackathon 2020 for addressing urban toilet sanitation and hygiene challenges			2020
Won overall Silver among 60+ students in indoor sports with 1st in chess , duo & 2nd in solo badminton events			2017
Managed blood camp “Raktadaan Mahadan” with local NGO & school , collecting 50+ units across 4+ blood types			2016
Secured 1st position among the pool of competitive 26 students in chess competition at PD Convent school event			2016
Volunteering			
Junior club member of E-Cell , The Entrepreneurship club of IIM Ranchi, Led Uniloop app to cater 1000+ students			2025
Served as NSS Sankalp volunteer for 29 months ; led learning & support drives for 500+ underprivileged kids			2019
Others			
Interests	Mandala Piano Vipassana Mindfulness Chess Badminton Cooking Story telling Singing Social service		
Skills	SQL Python Analytics Figma Advance Excel Coding Power BI Teamwork User research Leadership		