

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