

# Utsav Chabhadiya

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## Education

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| <b>Indian Institute of Technology (ISM) Dhanbad</b><br><i>Bachelor of Technology in Computer Science and Engineering</i> <b>CGPA: 8.8/10</b><br><i>Minor in Management</i> <b>CGPA: 9/10</b> | Expected May 2025<br>Dec 2021 - May 2025<br>Aug 2022 - May 2025 |
| <b>Lancers Army School</b><br><i>Higher Secondary - GSEB</i>   | 2019 - 2021<br>Surat, Gujarat                                   |

## Work Experience

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| <b>Microsoft</b><br><i>Software Engineer - Intern</i><br>* Integrated TVM and NVA validations into the VM Pre-Publish flow while working in the Cloud & AI Security team.<br>* Completed the full project lifecycle from <b>design document (HLD, LLD) to implementation, including Unit, E2E, and BVT testing, and deployed to production within 6 weeks.</b> Collaborated with external teams to ensure efficient planning, execution, and delivery of production-ready, quality product.<br>* Tech Stack: <b>C#, .NET (dotnet), Microsoft Azure (App Services, Functions), Microsoft Visio, Azure Devops</b> | May 2024 – July 2024<br>Hyderabad, Telangana                                      |
| <b>Branch International</b><br><i>Software Engineer (AI/ML) - Intern</i><br>* Developed and implemented multiple features for a loan prediction service, delivering production-ready code and optimizing inference using a DynamoDB cache. This reduced p98 latency for India to under 70 seconds.<br>* Tech Stack: <b>Python, Flask, AWS Cloud (S3, EC2, Sagemaker AI, Lambda Service), Taktile, Snowflake, Apache Airflow</b>   | Jan 2025 – March 2025<br>Part-Time, Remote  |
| <b>Bot2Do Technologies Pvt Ltd.</b><br><i>Software Engineer - Intern</i><br>* Developed the complete frontend for the business from scratch with the team of three people and completed it within 2 months. Collaborated with the stakeholders and UI/UX team to deliver the project with great quality.<br>* Tech Stack: <b>Next JS, React JS, Redux, Node JS, Mongo DB</b>  | August 2023 – December 2023<br>Part-Time, Remote                                  |
| <b>Mentorship Experience:</b><br><i>Coding Ninjas - Mentor in Data Structures &amp; Algorithm and Competitive Programming Course</i><br><i>Physics Wallah - Operations Intern in JEE Main and Advanced Batch</i>  | Nov 2022 - Jan 2023, Part-Time, Remote<br>Feb 2022 – July 2022, Part-Time, Remote |

## Projects

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| <b>Lipy AI</b>   Personalized AI Assistant for businesses, integrated with Lipy AI CRM Dashboard to enable better CS/CX<br>* <b>Led the development of Lipy AI from idea to product</b> , creating a CRM-integrated AI Assistant with features like - Personalized AI Agent Training to automate customer queries in just few clicks, Omni-channel support (Shopify), AI enabled ticketing system, calling (VOIP), analytics etc. and <b>successfully sold it to few businesses.</b><br>* Tech Stack: <b>TypeScript/JavaScript, Fastify, Node JS, NextJs, Remix, React JS, Micro Front-end, Redis, PostgreSQL, Kafka, Docker, AWS (S3, Route 53, SES), GCP (Cloud Run, SQL), Microsoft Azure (Computer Vision, ACS), Fly.io, Shopify Dev</b><br>🌐 <a href="https://www.lipy.ai">Landing Page: www.lipy.ai</a> 🌐 <a href="https://www.app.lipy.ai">Dashboard: www.app.lipy.ai</a> |  |
| <b>DarkBuster</b>   NLP based Browser Extension to Detect Dark Patterns<br>* Developed an AI browser extension for the Government of India Ministry of Consumers to <b>detect dark patterns on E-commerce sites, integrated an ML model using NLP to identify misleading navigation, forced actions, and other dark patterns.</b> Also, create a dashboard for higher Authorities to keep track of Detected Dark Patterns.<br>* Tech Stack: <b>NLP, Python, Flask, REST APIs, Node.js, React.js, Express.js, Webpack, Chrome Extension</b><br>🌐 <a href="https://github.com/Dark-Pattern-Detection">https://github.com/Dark-Pattern-Detection</a> 🌐 <a href="https://darkpattern.utsavchab.site">https://darkpattern.utsavchab.site</a>  |  |
| <b>EduTrac</b>   <i>Learning Management System Portal</i><br>* Developed a Learning Management System (LMS) Portal. Implemented the backend system to manage course content, student data, and administrative tasks. Integrated various features such as course enrollment and quizzes.<br>* Tech stack: <b>JavaScript, MongoDB, Express JS, React JS, Node JS, Redux</b><br>🌐 <a href="https://github.com/utsavchab/LMSPortal">https://github.com/utsavchab/LMSPortal</a> 🌐 <a href="https://lmsportal.utsavchab.site">https://lmsportal.utsavchab.site</a>   |  |
| <b>Other Projects Links:</b> 🌐:ETL Pipeline for E-Commerce    🌐:Super Market Automation System    🌐:Auto-Connect ISM firewall    🌐:Big integer library for C++    🌐:Nerva business Website   |  |

## Technical Skills

## Certificates

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| <b>Languages:</b> C++, C#, Python, JavaScript, Typescript<br><b>Software Development:</b> Node JS, REST APIs, ASP.NET, React JS, Next JS, Remix, Redux, Flask/Express.js/Fastify, Docker, Unit/E2E/Integration/BVT Testing, Basic of CI/CD, Micro Front-ends, Redis, MongoDB, SQL, Apache Kafka, Data Structures and Algorithms (DSA), Object Oriented Programming (OOPS)<br><b>AI/ML:</b> Basics of Deep Learning (NN,CNN), NLP, RAG, Fine-tuning LLMs, Langchain<br><b>Tools:</b> Git/Github/Azure DevOps, Basics of Azure (App Services, Functions, Computer Vision, DynamoDB), AWS(EC2, S3, SES), GCP (Cloud Run, Python SQL), Microsoft Visio, Draw.io, Figma, Postman, PowerBI, Tableau |  |
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## Coding Profiles

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| <b><a href="#">Codeforces (Rating - 1600)</a>   <a href="#">Codechef (Rating - 1885)</a>   <a href="#">Code 360 (800+ Problems solved)</a>   <a href="#">GeeksForGeeks</a></b> |
| <b>Achievements</b>  |

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| * <b>Rank 1</b> out of 1000+ participants in coding competition held by CODEtronics'23<br>* <b>Rank 4</b> out of 1000+ participants in coding competition held by CodeISM'23<br>* <b>Global Rank 46</b> and <b>4 times under Rank 100</b> in Codechef (Div. 2), and <b>Global rank 891</b> in Codeforces Round #833<br>* Solved <b>1800+ coding problems</b> and participated in <b>100+ live coding contests</b> across various coding platforms.<br>* <b>Top 5</b> in Data Analysis Challenge by Concetto'22, IIT(ISM)<br>* <b>Global Rank 2131</b> in JEE Advanced 2021, <b>99.8 percentile</b> in JEE MAINS 2021, <b>99.6 percentile</b> in GUJCET 2021<br>* <b>Qualified BITSAT 2021</b> (Marks - 356/450) |
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## Social Engagements

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| <b>Core Team Member:</b> at NVCTI - Innovation Hub of IIT Dhanbad and <b>Fintech</b> - Financial Technology Club IIT Dhanbad<br><b>Organizer:</b> Srijan'22 - Cultural Fest, IIT ISM Dhanbad<br><b>Sports-Engagements:</b> Basketball, Swimming |
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