



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	BS-MS(5YR)	IIT Kharagpur	8.12 / 10
2020	Class XII ( U.P Board )	B.N.S.D. Shiksha Niketan	80.2%
2018	Class X ( U.P Board )	N.L.K. Inter College	89%

## SKILLS AND EXPERTISE

**Skills:** AI Integration, **Full Stack Development**, Project Management, Database Optimization, **Mobile App Development**, Cloud Deploy  
**Tech Stack:** React, Next.js, Node.js, Tailwind CSS, TypeScript, Langchain, Langgraph, Langsmith Express, FastAPI, Flask, GCP, AWS, Docker, PostgreSQL, Supabase, SQLite, MongoDB, React Native, Expo, RAG, GraphQL, Prisma, Redis, Razorpay, HTML, CSS and Javascript, Twilio

## INTERNSHIPS

## Tech Project Manager Intern | MutaneX

- Handled project with **3** developers to deliver **website**, **app**, and **ML model** using **React Native**, Tailwind, and TypeScript technologies.
- Created app to predict cancer with **98.2%** accuracy using **R1/R2** files and **SQLite**, enhancing medical data analysis capabilities.
- Managed end-to-end project lifecycle with **waterfall**, reducing development time by **20%** through strategic planning and execution.

## Cross Platform Software Developer | L&amp;T Finance

- Developed a robust loan disbursement application using **FlutterFlow** and **Flutter**, significantly optimizing the user experience.
- Implemented cutting-edge **APIs** and **web sockets** to ensure instantaneous communication and highly efficient data processing.
- Expertly revamped the **L&T Finance** website with modern design principles using **CSS** and JavaScript, markedly improving usability .

## Full stack developer | Buy1Gram

- Built a robust e-commerce website with **MERN stack**, handling **100+** daily visits with secure **JWT** authentication and payment systems
- Integrated **WhatsApp API** for real-time order status notifications, boosting customer engagement levels by **25%** on a daily basis.
- Added **QR code** analytics to track user interactions accurately daily, improving feature adoption rates by **15%** with actionable insights.

## React Native App Developer | Drippit

- Built mobile app for Drippit using React Native, Expo, TypeScript, Tailwind; integrated SQLite, Postgres for enhanced shopping experience
- Created AI recommendation model using wishlists, likes to suggest similar clothing, boosting personalization on e-commerce platform
- Deployed app on Google Cloud; launched on Play Store, App Store, ensuring accessibility for Android, iOS users worldwide

## PROJECTS

## Customer Support Orchestrator

- Built with **FastAPI** and **LangGraph**, uses **GPT-4o-mini** to classify and send customer queries to FAQ, database, or escalation handlers
- Connects **MCP** servers for **SQL**, email (sends via **SMTP**), with retry logic, error handling, and **LangChain**-driven task for robust automation
- Supports local setup with Python 3.12+ or **Docker deployment**, with API endpoints for easy testing and development across environments

## PujapathSeva

- Built streaming site with help from **Vimeo API**, incorporating microservices like **kundali**, **vastu**, and **astroteller** and **e-store** functionalities.
- Designed admin panel to reduce developer costs by **40%** with active **10,000+** users with efficient self-service management tools.
- Developed scalable **Node.js** and **Express.js** backend to handle high traffic loads, significantly enhancing user engagement and experience.

## Smart Constructin App under Architech Mr. Mickey Saran

- Developed app with **React Native + Expo**, featuring **4** dashboards and **Python Flask backend** for construction management
- Integrated AI model for precise image-based location detection, improving site accuracy by **25%** in real-world use through computer vision
- Enabled real-time collaboration features, reducing operational delays by **20%** across distributed project teams for enhanced efficiency.

## CollegeSphere

- Led **7** juniors to build platform with **Next.js**, **JWT** authentication for **4,000+** students' secure information access reliably with AI measures
- Added AI advisor and **Razorpay** integration, significantly increasing user satisfaction levels by **30%** daily through seamless experience
- Managed secure database for real-time academic updates and queries, ensuring efficient student support services with reliable data

## COURSEWORK INFORMATION

**CS Fundamentals :** Computer Networks, DBMS, High Level and Low Level Designs, Operating System, Git and Linux Shells working  
**Chemistry :** Quantum computing and DNA models FastQ files , Organometalics compounds worked around computing.

## CERTIFICATIONS

- Achieved a Rank of **3532** in Round 2 and Rank of **5986** in Round 1 in Meta Hackercup, demonstrating exceptional problem-solving skills.
- Led a high-performing team to secure **Gold** in the Open IIT Product Design '23, **Bronze** in the Inter Hall
- General Championship '23 for Ad Design, and **Silver** in the SFM General Championship, showcasing creative, and strategic abilities.
- Attained **AIR 3** in IIT Guwahati's Technothon, underscoring superior analytical and problem-solving capabilities.
- Demonstrated academic excellence by securing a rank of 12,826 in JEE ADVANCED 2021, competing against 1,50,000 candidates

## POSITIONS OF RESPONSIBILITY

## Vice Captain Illumination 23'

- Managed data for over **180 students**, ensuring up-to-date information to facilitate smooth functioning and efficient processes.
- Efficiently managed a budget of **3,17,000**, overseeing team meetings and ensuring seamless coordination and execution of various events.