

Mayank Kumar

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EDUCATION

Manipal Institute of Technology

2023 – 2027

B.Tech in Computer Science and Engineering

TECHNICAL SKILLS

- **Languages:** JavaScript, Python, C++
- **Frontend:** React.js, HTML, CSS, Tailwind CSS
- **Backend:** Node.js, Express.js
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Tools:** Git, GitHub, Postman, VS Code
- **Concepts:** REST APIs, JWT, CRUD, MVC

EXPERIENCE

• SDE Intern

June 2026 - July 2026

National Payments Corporation of India (NPCI)

Mumbai, India

- Contributing to API-driven systems supporting digital payment infrastructure
- Working on EFRM workflows, API development, and digital payment infrastructure
- Collaborating with engineering teams to develop, test, and improve scalable backend systems

TECHNICAL PROJECTS

• FluxLane – Traffic Prediction System

| MERN, XGBoost, PostgreSQL

ML + Full Stack

- Engineered traffic prediction model with 85%+ accuracy using XGBoost
- Developed full-stack application handling 500+ simulated requests/day
- Designed REST APIs delivering predictions with <200ms latency
- Improved model performance by 20% via feature engineering
- Live Link | GitHub

• Subwise – Subscription Tracker SaaS

| MERN Stack

Full Stack

- Built SaaS platform managing 10+ subscriptions per user
- Implemented analytics reducing manual tracking effort by 100%
- Developed JWT authentication and scalable REST APIs
- Improved user engagement by 30% through responsive UI
- Live Link | GitHub

• Gistify – AI Web Page Summarizer

| JavaScript, Chrome API

Chrome Extension

- Developed AI-powered Chrome extension reducing reading time by 60%
- Designed distraction-free UI improving engagement by 25%
- Achieved 100+ weekly active users post-launch
- Live Link | GitHub

• Portfolio OS – Moon OS

| React, Vite, Web Audio API

Interactive Portfolio

- Built retro-inspired portfolio mimicking a Windows 98-style desktop OS
- Implemented draggable windows, a fake terminal, and pixel-art UI in React
- Live Link | GitHub

LEADERSHIP EXPERIENCE

• Social Media Head

1 Year

Da Vinci Club & Elixir Club, MIT

- Led digital campaigns reaching 5,000+ students
- Designed 20+ promotional creatives for club events
- Increased event visibility through social media strategy

ACHIEVEMENTS

Selected among Top 20 teams at Vibathon Hackathon hosted by Replit.