

# MANJEET PATHAK

+917007986900 ◇ Uttar Pradesh, India ◇ [manjeetpathak2003@gmail.com](mailto:manjeetpathak2003@gmail.com) ◇ [LinkedIn](#)

## EDUCATION

Indian Institute of Information Technology Bhopal

Dec 2021 - Present

B.Tech in Information Technology

CGPA: 9.75

## WORK EXPERIENCE

**CODÂME, IIIT Bhopal** — NextJS, JavaScript, TailwindCSS, NodeJS, ExpressJS, MongoDB Aug 2023 - Present **Full Time**  
Web Dev Lead

- Deployed the official website of the club with **intuitive interfaces** and **seamless navigation** for enhanced UX
- Enhanced engagement with **lazy loading**, **caching** & **advanced optimizations** to boost performance by 15%

**Singularity AI** — NextJS, Vision AI, JDL, NestJS May 2023 - Jul 2023 **Remote-Intern**  
Full Stack Intern

- Developed an automated bill processing system using OpenCV, Vision AI, NestJS, NextJS and MongoDB.
- Leveraged **OpenCV and Vision AI** for text extraction, reducing errors by **90%** and boosting data processing.
- Solved data inconsistency issues with a **GPT-4** validation algorithm, cutting processing errors by 25%.

**Metaverse Ventures Pvt Ltd** — NextJS, Web 3 Tools, Redux Feb 2023 - May 2023 **Remote-Intern**  
Web 3 Full Stack Intern

- Engineered a smooth user experience by implementing **powerful and engaging frontend designs** for web 3
- Streamlined **data management** by incorporating **reliable back-end** for enhanced efficiency and accuracy
- Diagnosed and resolved bugs to ensure **uninterrupted functionality** and improved the response time by 80%

## ACHIEVEMENTS

- **Knight** at LeetCode (**maxRating - 2089**) made under **2%** at Leetcode. [Link](#)
- **Specialist** at Codeforces. (**maxRating - 1492**) [Link](#)
- **4 Star** at CodeChef. (**maxRating - 1801**) [Link](#)
- ACM ICPC Regionalist-2023 (ranked - 108th out of 228) [Link](#)
- Awarded **1st Runner-Up Prize** in a National Level Hackathon **CodeUtsava 6.0** [Certificate](#)
- Qualified Round-2 for **HackerCup - 2023** [Certificate](#)
- 4 Star at **HackerRank** [Link](#)

## PROJECTS

**Electronic Health Recorder** — NextJS, Redux, Interplanetary File System (IPFS) [Devfolio Live](#)

- Achieved **2nd** place in the hackathon, leading a highly collaborative team to develop a groundbreaking **Decentralized Electronic Health Recorder**, outperforming all competitors
- Implemented **Interplanetary File System (IPFS)** for secure patient data storage, achieving remarkable data redundancy and data reliability and ensuring data integrity through a **100 %** success rate in **hashing**
- Leveraged **NextJS 13** & Redux for a user-friendly front-end, resulting in significant improvements in efficiency

**Social Sphere** — NodeJS, ExpressJS, MongoDB [Github](#)

- Crafted a robust backend using **ExpressJS** and **MongoDB** having routes for Posts and Users.
- Integrated comprehensive user authentication and authorization routes using **bcrypt v5**.
- Ensured secure data handling with **Helmet v6** and efficient logging with **Morgan**.

**Link Trim** — GO, GO Fiber, Docker Compose [Github](#)

- Articulated a high-performance URL shortener with **Go and Go Fiber v2**, using Redis for fast data storage
- Implemented scalable database interactions with **GORM and SQLite v1.21** for reliable URL management
- Utilized Docker Compose for streamlined, consistent containerized application deployment

## SKILLS

**Languages:** JavaScript, GO, C++, C, Python, Typescript, HTML, CSS

**Frameworks:** React.js, React-Native, NextJS, Express, NodeJS, NestJS, GO Fiber

**Libraries:** Material UI, Redux, React Router, Bootstrap, Tailwind.CSS, Daisy-UI, React-Query, Context-API

**Databases:** MongoDB, SQL

**Dev Tools:** Visual Studio Code, Git, GitBash, Docker Compose