

# PRAKASH KUMAR VERMA

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## EDUCATION

- Indian Institute of Technology (IIT), Patna** Patna, India  
*Master of Technology - AI/DSE ; CPI : 9.21* Jun 2024 - Jul 2026(Expected)
- Maulana Abul Kalam Azad University of Technology** West Bengal, India  
*Bachelor of Technology ; CGPA : 8.78* May 2016 - Aug 2020
- West Bengal Council of Higher Secondary Education** West Bengal, India  
*Class XII - Science ; Grade : A* Mar 2014 - Apr 2015
- West Bengal Board of Secondary Education** West Bengal, India  
*Class X; Grade : A* Jan 2013 - Feb 2014

## SKILLS SUMMARY

- Languages:** Javascript, Python, ES6, NodeJs, DSA, OOPs, HTML5, CSS3, Typescript, SQL, Bash, Java
- Frameworks:** ReactJS, Redux, TailwindCSS, NodeJs, ExpressJS, NextJS, Bootstrap, FastAPI
- Tools:** Vite, Git, Github, Gitlab, PostMan, NPM, PIP, MongoDB, PostgreSQL, MySQL, Pandas
- Platforms:** Windows, AWS Cloud, Vercel, Netlify, Railway, Heroku, Render, VS Code. MongoCompass,pgAdmin,
- Soft Skills:** Leadership, People Management, Excellent Communication, Conflict Resolution, Adaptability

## EXPERIENCE

- Digital Nexus AI - DNA** Remote  
*Full Stack Developer Intern* Jul 2025 - Nov 2025
  - Tech Stack:** ReactJS, ExpressJS, Javascript, NodeJS, HTML, CSS, Figma, MongoDB, PostgreSQL, Git, GitLab.
  - Developing and optimizing the main DNA website by integrating responsive UI with backend services, while collaborating with Team Lead and Business Analysts to design and implement new pages, APIs, and database-driven features.
  - Translated Figma designs into responsive, interactive web pages while contributing to backend API development and database operations for a seamless user experience.
  - Analyzed website performance through **code optimization, debugging and reusable component development**, contributing to faster load times and improved user experience.
- Mphasis LTD India** Bengaluru, Karnataka  
*Software Engineer* Dec 2021 - Aug 2023
  - Teck Stack:** ReactJS, Hooks, Redux, Context API, JavaScript, ES6, HTML, CSS, TailwindCSS, ExpressJS, NodeJS, PostgreSQL, Git, Github.
  - Built and enhanced **end-to-end features** for FedEx client applications, combining **front-end UI (ReactJS) with backend services (ExpressJS, APIs, Database integration)**.
  - Assessed **state management (Redux & Context API)** to streamline data handling, improve performance, and ensure application stability.
  - Revamped API interactions and eliminated redundant code blocks, slashing average UI load times by 21percentage and leading to more responsive user interactions across applications.

## PROJECTS

- URL Shortener with Analytics:** A full-stack URL Shortener built with Node.js, Express, ReactJS, EJS, and MongoDB Atlas, streamlining URL management and enhancing user experience through a responsive frontend, reducing link length by 60%. Supports user signup/login with JWT authentication, bcrypt-secured passwords, and dynamic short link generation. <https://bitly.up.railway.app/> [Github Link](#)
- Airbnb Travel and Listing App:** Developed a full-stack vacation rental booking platform using the MERN stack(MongoDB, Express.js, React.js, Node.js), enabling users to browse properties, view details, make bookings, and manage listings. Implemented secure authentication, dynamic search, and responsive UI with real-time updates. Integrated cloud image storage and optimized API performance for a smooth user experience. [Github Link](#) <https://airbnb-clone-indol-psi.vercel.app/>
- Web-Based Real-Time Communication Platform:** A lightweight real-time chat app using **ExpressJS** and **Socket.IO** with username login, online user count tracking, and instant message broadcasting. Built a **mobile-responsive UI** using HTML, CSS, and JavaScript, enabling seamless access across devices. Implemented efficient WebSocket-based communication, event-driven updates (join/leave alerts), and a scalable Node.js backend for smooth, low-latency user interactions. [Github Link](#) <https://public-chat-app-s4m5.onrender.com/>
- Downloadify - Youtube Media Tool:** A CLI-based YouTube downloader built using Python. Supports downloading MP4 videos and MP3 audio using pytube, ffmpeg, and InquirerPy interactive menus. Includes real-time progress tracking, sanitized filenames, and auto-organized download folders. <https://github.com/prakashverma-dev/Youtube-Downloadify-app>

## HONORS AND AWARDS

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- Contributing as an Advisor for the Student Technical Council (STC) Team at IIT Patna, mentoring learners.
- Earned a Certificate of Achievement for solving 300+ Data Structures and Algorithms (DSA) problems on LeetCode.
- Honored with the "Best Attendance" award during B.Tech for maintaining exceptional discipline and reliability.
- Certified Full Stack Web Developer from Simplilearn platform, achieved 84% in Frontend and Backend Development.

## LANGUAGES

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- English, Hindi, Bengali, Urdu, Bhojpur.