

Dhiraj Kumar

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CAREER SUMMARY

Enthusiastic and detail-oriented developer with hands-on experience in MERN stack, Java, and Python. Skilled in building secure, responsive web apps with real-world deployment experience. Eager to contribute to innovative projects and solve meaningful problems through clean, scalable code.

Education

Manav Rachna International Institute Of Research & Studies, Faridabad

Aug 2022–May 2025

Bachelor of Computer Applications: 6.93 CGPA

Faridabad, Haryana

Experience

Bharat Intern

Oct 2023–Nov 2023

Web Developer Intern

Remote

- Created a personal **Portfolio website** to showcase skills and experience.
- Designed and developed a **temperature conversion** website, incorporating dynamic content.
- Developed a **Netflix clone** using HTML, CSS, JS, and ReactJS as part of one project.

Intern NITI: E-Learning Platform

Mar 2024–Apr 2024

Java Programmer Intern

Remote

- Created a **Library Management System** Using Java Programming to have Record Management or deletion features.
- Created a **CGPA CALCULATOR** as part of one project, which helps students calculate their CGPA based on their marks.
- Developed a **Currency Converter** allowing seamless conversion between different currencies.

OctaNet Services Pvt Ltd

Jun 2024–Jul 2024

Frontend Developer Intern

Remote

- Built a **Car Servicing site** with an interactive UI to showcase services effectively.
- Developed a **To-Do List App**, implementing JavaScript for task management.
- Enhanced web accessibility and optimized performance for better user engagement.
- Strengthened problem-solving skills by debugging and testing frontend code.

IBM Skill Build

Aug 2024–Oct 2024

Frontend Developer Intern

Remote

- Developed a **Quality Education web platform** aimed at providing educational resources.
- Designed and implemented **responsive UI** components using HTML, CSS, and JavaScript.
- Collaborated with a team to improve user experience and site functionality.
- Gained hands-on experience with version control (GitHub) and frontend best practices.

Projects

Lettrics AI Writing Assistant | Next.js, Tailwind CSS, Framer Motion, TypeScript

July–Aug 2025

- Developed a production-level AI content **writing platform offering Essay, Story, Poem, Email, Report & Application generators**, each with a dynamic flow.
- Developed using Next.js App Router with advanced routing: `/generate` → `/loading` → `/result` for each tool with smooth navigation.
- Used session Storage to handle **state management** and **prevent unwanted** reloads without requiring **login/auth** — fully local & private.
- Integrated real-time content generation via **serverless API routes in `/api/generate/route.ts`**, supporting dynamic prompts per tool and category.
- Added multi-category support like **"school leave"**, **"college TC"**, **"job resignation"** in Application Writer using a dynamic prompt engine.

- Designed and developed a **full-stack pet adoption platform** using MongoDB, Express.js, React.js, and Node.js
- Implemented **JWT-based authentication, OTP verification**, and secure user onboarding workflows.
- Integrated **Nodemailer** to notify users when pets matching their preferences were added.
- Built a dynamic **admin panel** to manage pets, approve adoption requests, and monitor user activities.
- Enabled **real-time statistics** and status tracking to ensure transparency and build user trust.
- Added **Multer-based image upload** for user profiles and pet listings with secure backend storage.
- Protected admin routes and features using **role-based access control** and conditional routing.
- Designed a desktop-friendly UI with **dark mode**, responsive **drawer navigation**, and polished UX.
- Optimized **API performance** for smooth user experience and deployed using Render and Hostinger.
- Independently handled all development phases — from planning and coding to deployment and maintenance.

NetFrix — OTT Streaming Platform | *Next.js, TypeScript, Node.js, MongoDB, Tailwind CSS*

Jun–July 2025

- Engineered a full-stack **Netflix-style OTT streaming platform** using **Next.js 14 with TypeScript**, Node.js, and MongoDB.
- Integrated secure **auth system** with JWT, OTP verification, and Google login using **NextAuth**.
- Built a custom **HLS video player** supporting .m3u8 playback with resume, fullscreen, volume, forward/rewind, and auto-rotate controls.
- Enabled **multi-season & multi-episode series**, user-specific watch history, favorites, and My List features.
- Used **Cloudflare R2** for secure video storage and **Cloudinary** for optimized poster, thumbnail, and avatar uploads.
- Developed a robust **admin panel** for content control, announcements, category/OTT tag management, and user access approval.
- Implemented **rate limiting, httpOnly cookie sessions, and protected admin routes** for production-level security.
- Designed an intuitive, responsive **Netflix-like UI** with carousels, hover previews, genre/OTT/language filters, and dark mode support.
- Added **search filters, 1080p toggle**, auto-resume playback, and profile dropdown for personalized UX.
- Deployed backend and frontend on **vercel** for global access with optimized performance.
- Built and published a **WebView Android APK** version using Kotlin with immersive mode, splash screen, secure playback, and system HUD (volume, rotate).

Technical Skills

Languages: Java, C, C++, C#, HTML/CSS, JavaScript, NodeJS, ExpressJs, ReactJs, Python, MySQL

Developer Tools: VS Code, Git, GitHub

Technologies/Frameworks: React, GitHub, MongoDB, NodeJS, Tailwind CSS, IT Support

Professional Skills: Time Management, Teamwork, Active Listening, Positive Discipline

Certificates

- **Virtual Experience Program** Certificate from Intern NITI E-Learning Platform
- **Design of Web Prodigy: Mastering the Art of Website Design:** Issued By MRIIRS
- **Introduction to Internet of Things:** Issued By NPTEL.
- **Computer Science Principles: Digital Information:** Issued by LinkedIn
- **Privacy & Security in Online Social Media:** Issued by NPTEL.
- **Introduction to Industry 4.0 and Industrial Internet of Things:** Issued by NPTEL.
- **PROJECT MANAGEMENT FUNDAMENTALS CERTIFICATION:** Issued by IBM Skill Build

Achievements

- **Design of Web Prodigy: Mastering the Art of Website & Design – Mastery Award.**
- **Volunteer at Digital Di-Namo Organized By:** SCA MRIIRS
- **Received a certification for publishing a review paper on [Block-chain Security: Threats, Vulnerabilities and countermeasures- A Review] at 2nd International Conference on Computing Systems and Intelligent Applications, (ComSIA-2025).**
- **Successfully completed the Microsoft Learn Student Ambassadors program:** Issued by Microsoft Learn Student Ambassadors.