

KAPIL TANWAR

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EDUCATION

Indian Institute of Information Technology, Sonepat
Bachelor of Technology in Information Technology (CGPA: 9.15/10)

Sonepat, India
Jul 2023 – Present

RPS Public School, Rewari
Senior Secondary (Class XII) – 92%

Rewari, India
May 2020 – Jul 2022

SKILLS SUMMARY

- Languages:** C++, Java, Python, JavaScript (ES6+), HTML5, CSS3
- Frameworks:** React.js, Next.js, Node.js, Express.js, Flask, FastAPI, Redux, Material-UI
- Libraries:** pandas, NumPy, JWT, bcrypt
- Database:** MySQL, MongoDB, PostgreSQL
- Developer Tools:** Git, GitHub, Docker, Google Cloud Platform, VS Code, IntelliJ, Eclipse, Jupyter, Postman, Nodemon
- Core Competencies:** Data Structures Algorithms (DSA), Operating System (OS), OOP's, DBMS
- Soft Skills:** Communication, Teamwork, Problem-Solving, Adaptability, Time Management

WORK EXPERIENCE

Web Developer INTERN | Elevate Labs | [LINK](#)

November 2025 – December 2025

- Built full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), delivering scalable and high-performance solutions.
- Designed and implemented RESTful APIs with Node.js and Express.js, enabling seamless communication between frontend and backend services.
- Developed dynamic and reusable React components, improving application responsiveness and maintainability.
- Integrated MongoDB databases with backend services, performing CRUD operations and optimizing queries for better performance.
- Used Git and GitHub for version control, followed Agile practices, and collaborated with team members through code reviews and sprint planning.

PROJECTS

TrackWise – Next.js, Node.js, NextAuth.js, MongoDB, REST API, JWT, Tailwind CSS, shadcn/ui

[LINK](#)

- Built a full-stack personal finance app with secure auth (NextAuth + JWT) and protected routes using Next.js App Router.
- Implemented transactions CRUD, achievements, notifications, and user settings with serverless API routes backed by MongoDB/Mongoose.
- Designed a responsive, accessible UI using Tailwind CSS and shadcn/ui, with optimized SSR/ISR for fast loads.
- Added reusable component architecture and utility libs, improving developer velocity and maintainability.

BingeBox – TypeScript, Node.js, Express.js, MongoDB, Redux, JWT, REST API

[LINK](#)

- Developed a full-stack movie streaming web application using the MERN stack.
- Implemented user authentication and authorization with JWT for secure login and signup.
- Integrated RESTful APIs for movie data, search, and filtering functionality
- Designed and optimized MongoDB database schema for handling movies, users, and watchlists

Check-In | MongoDB, Express.js, React, Node.js, JWT, Redux, Python, TensorFlow, Emotion Recognition

[LINK](#)

- Built a smart attendance and counseling system with MERN stack, integrating AI-based mood detection.
- Used facial expression recognition (TensorFlow.js/ML model) to analyze children's moods during check-in).
- Implemented secure role-based authentication (students, teachers, counselors) using JWT.
- Automated attendance logging while flagging students showing poor mood/engagement for counseling.
- Designed dashboards for counselors to monitor students and provide timely intervention.
- Collaborated in a team project, integrating AI and full-stack development through GitHub version control.

CERTIFICATES

Sheryians Coding school (FRONTEND)

[LINK](#)

- Learned to build responsive user interfaces using React.js, JavaScript, Tailwind CSS, and component-based architecture focusing on user experience.

Sheryians Coding school (BACKEND)

[LINK](#)

- Gained hands-on experience in backend development using Node.js, Express.js, MongoDB, and building RESTful APIs.