

Rahul Pal

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Summary: - Full Stack Developer | Frontend developer | Backend developer | React js Developer | Node js Developer

EDUCATION

IPS Institute of Technology

Bachelor of Technology in Computer Science: GPA 8.0

Government School Gorkhi

12th In Science - Mathematics; GPA: 8.70

Gwalior, MP, India

June 2021 - August 2025

Gwalior, MP, India

June 2020 - August 2021

SKILLS SUMMARY

- **Languages:** JavaScript, TypeScript, HTML, CSS, Tailwind, Bootstrap
- **Frameworks:** ReactJS, NodeJS, ExpressJS, NextJS, NestJS, Redux, RTK, RTK Query, Mongoose, OAuth, Multer, React Native
- **Tools:** Git, GitHub, Docker, Postman, Vscode
- **Cloud:** AWS, Render, Netlify, Vercel, Cpanel
- **Database :** MySQL, MongoDB
- **Advanced Featured:** Responsive Design ,API Integration, Authentication(JWT|Cookie),Authorization(Jsonwebtoken)

WORK EXPERIENCE

FULL STACK DEVELOPER | FULL TIME | [LINK](#)

Current- April 24

- Developing Vidyamint as a full-stack developer, coding **40%** faster efficiently.
- Resolved errors faster than **90%** of peers, ensuring efficient debugging.
- Built multiple features like Fee Management, Student Management, Transport, and Exam modules.
- Developed functionalities for Receipt Generation, Exam Reports, and file export.
- Wrote **5K+** lines of JavaScript and created **100+** React components.
- Leveraged libraries like Redux, Material UI, Shadcn UI, Tailwind CSS, and React Router DOM
- Built secure backends with JavaScript, bcrypt-js, Express, JWT, Passport, and documented APIs using Swagger-jsdoc.

MERN Full Stack Teaching Assistant | INTERN | Stealth Startup | [LINK](#)

August 2024 – December 2024

- Mentored over **5000 students** in MERN Full Stack development, covering technologies like MongoDB, Express.js, React.js, and Node.js
- Assisted in preparing educational materials, resolving student queries, and conducting hands-on coding sessions.
- Supported faculty in delivering academic programs effectively, ensuring a high success rate among students.
- Provided technical guidance for project completion, contributing to the professional growth of students.
- Solved **310 doubts** related to coding, debugging, and project implementation, ensuring students gained clarity and confidence in problem-solving.

FRONTEND DEVELOPER | INTERN | NTG Infotech

January 24- March 24

- Building the UI for Client and make the website for the Client Requirement
- Building the UI In the HTML Design the Same as the **Figma Design** to Provide in Time.
- Working on the React Component to Make the Frontend UI and Integrate API in Frontend
- Find Out the error in UI and Resolve it, solve the error **50%** Faster by using developer Tools.

PROJECTS

QR Code Based Attendance | [LINK](#)

December 24- December 2024

- Achieved a **96%** accuracy rate in tracking student academic attendance through a **QR Code** Attendance model.
- Designed an efficient database that optimizes storage and enhances performance, resulting in a **90%** increase in efficiency.
- Developed a robust frontend and backend using technologies such as React.js, **TypeScript**, Shad-cn, **Node.js**, RESTful API, Express.js, **MongoDB**, and Tailwind CSS.
- Facilitated the provision of Student ID Cards in **PDF** format, allowing easy access to student details.
- Enabled both teachers and students to track attendance visually through a HeatMap feature and **OTP** Based Authentication.

75 DAYS CHALLENGE CRAFT | [LINK](#)

September 23- October 2023

- Built a **challenge creation platform** allowing users to design customizable challenges (e.g., 30, 50, or 75 days) with auto-generated daily tasks using **React.js**, **Node.js**, **Redux**, and **MongoDB**
- Integrated an **email alert system** to notify users one hour before task deadlines, improving task completion and user accountability
- Enhanced the user experience with **Tailwind CSS** for responsive design and seamless task management features, driving higher engagement and productivity

COURSE SELLING PLATFORM | Study Notion | [LINK](#)

July 23- August 2023

- Developed an online course-selling platform with features like course creation, video uploads, student enrollment tracking, and payment gateway integration, boosting user engagement by 50%
- Built a secure and responsive application using **React.js**, **Node.js**, **Tailwind CSS**, and **MongoDB**, incorporating OTP authentication and Figma-based design

CERTIFICATES

Full Stack Developer | [CERTIFICATE](#)

January 2024

- Mastered fundamental JavaScript syntax and effectively utilized control flow, loops, functions, and data structures to enhance programming skills as a MERN stack developer.
- Gained expertise in full stack development, including procedural programming paradigms and logical concepts,