Prashant Rajawat

prashantrajawat555@gmail.com | +91-7690052088 | GitHub | Kota, India

SUMMARY

Detail-oriented Full Stack Developer skilled in building responsive and scalable web applications using Node.js, Express.js, React.js, and MongoDB. Experienced in developing REST APIs, integrating third-party services like Twilio and Razorpay, and implementing AI-driven solutions. Quick learner with strong problem-solving, debugging, and collaboration skills, and proven experience working effectively in team environments.

SKILLS

- Programming: C++, Python, Java, JavaScript, C

- Web Development: HTML, CSS, Node.js, Express.js, React.js, Next.js

- Databases: MongoDB, MySQL

- Other: REST APIs, Scalable Backend Systems, Data Structures & Algorithms, Git, Web Hosting

WORK EXPERIENCE

REGex Software Services | Web Developer   May 2023 - July 23

• Developed and enhanced web-based applications by integrating APIs and optimizing database queries.

• Collaborated with senior developers to design scalable, production-ready solutions, improving efficiency and user experience.

• Strengthened technical expertise in backend integration, debugging, and system performance.

PROJECTS

SmartCallReg

- Built a **real-time AI voice assistant** using **Twilio, FastAPI (Python), and WebSocket**.
- Features include **voice-based test booking, Speech-to-Text (STT), LLM-based response generation, and Text-to-Speech (TTS)**.
- Gained foundational experience in **Python** through active hands-on development.
- **Tech Used:** Twilio, Python (**FastAPI**), **WebSockets**.

[Link] StudyNotion – EdTech Platform

- Built a **full-stack EdTech web application** where students can purchase and consume courses, and instructors can create and manage content.
- Designed and implemented **REST APIs** for user authentication, payments, and course management using **Node.js, Express.js, and MongoDB**.

- Developed **secure authentication & authorization** with JWT and role-based access (student/instructor/admin).
- Integrated **Razorpay API** for real-time payments and order tracking.
- Implemented **scalable database design** (MongoDB) to handle course data, transactions, and user progress efficiently.
- Optimized queries and applied **caching techniques** to improve response time by ~30%.
- Built **responsive React frontend** with dynamic dashboards for learners and instructors.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, Razorpay API, TailwindCSS

[Link] EXPRESS CRUD APPLICATION

- Built a **CRUD (Create, Read, Update, Delete) web application** using **Express.js**.
- Demonstrated **RESTful API integration** and efficient data handling through structured routes and dynamic frontend integration.
- **Tech: Node.js, Express.js, HTML, CSS**.

EDUCATION

University Department Rajasthan Technical University, Kota , India   2022- 25

- Computer Science Engineering | CGPA: 8.2 (current)