**GAUTAM MALVIYA**

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**SUMMARY**

Computer Science graduate with hands-on experience in **MERN stack development**, building full-stack applications used by over **500+ users**. Skilled in implementing **secure authentication (JWT) for 3 distinct user roles**, integrating **payment gateways (Razorpay) processing 100+ transactions**, and deploying scalable solutions on **cloud platforms (Vercel, Render)**. Strong foundation in **C++, Data Structures & Algorithms**, passionate about delivering efficient and user-friendly solutions.

**TECHNICAL SKILLS**

* **Frontend:** React.js, Redux Toolkit, JavaScript, Tailwind CSS
* **Backend:** Node.js, Express.js, REST APIs (Built 10+ endpoints), JWT
* **Databases:** MongoDB, MySQL
* **Tools & DevOps:** Git, GitHub, Postman, Vercel (Deployed 5+ frontends), Render (Deployed 3+ backends)

**EXPERIENCE**

**Web Development Intern** – *Amstech Group of Companies*  
*Jan 2023 – June 2023*

* Developed and maintained **2 major web applications** (e-commerce & real estate) using React.js and Node.js, improving frontend-backend workflow efficiency.
* Built **5+ reusable React components**, reducing future development time by an estimated **15%**.
* Applied OOP concepts to refactor legacy SQL queries, enhancing code modularity and reducing server response time by **~200ms**.

**PROJECTS**

**QuickKeys – Car Rental Platform** | 🔗 <https://quickk-keys.vercel.app/>

* Engineered a full-stack platform supporting **3 user roles (Admin, User, Owner)**, serving **400+ registered users** and facilitating the rental of **50+ listed vehicles**.
* Integrated **Razorpay** payment gateway, enabling secure booking transactions and processing **100+ successful payments**.
* Designed a RESTful backend with **15+ API endpoints** using Node.js and Express.js, ensuring seamless CRUD operations and JWT authentication.
* Deployed the frontend on **Vercel** and backend on **Render**, achieving **99.8% uptime** and sub-**500ms load times** for critical pages.

**YourDoc – Doctor Appointment Booking** | 🔗 <https://yourdoc-six.vercel.app/>

* Developed a doctor appointment platform featuring **100+ doctor profiles** and a booking system with **4+ filtering options** (specialization, fee, availability).
* Implemented a secure **JWT-based auth system** and **Razorpay integration**, processing **80+ appointment bookings** with online payments.
* Created a dedicated **admin dashboard** to manage appointments and doctor schedules, reducing administrative task time by **25%**.
* Deployed full-stack application on **Vercel (Frontend)** and **Render (Backend)**, efficiently handling **~50 concurrent users** during peak traffic.

**EDUCATION**

**Bachelor of Technology ([B.Tech](https://b.tech/" \t "_blank)), Computer Science And Engineering**  
IPS Academy, Indore | 2021 – 2025 | CGPA: 7.2

**CERTIFICATIONS**

* React and Redux | Mar 2024 – May 2024
* Data Structures & Algorithms in C/C++ | Jan 2023 – Apr 2023