

RACHIT GOUR

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Location: Moradabad, Uttar Pradesh, India

PROFESSIONAL SUMMARY

Software Developer with practical experience in developing web and desktop applications using React.js, Electron, TypeScript, and the MERN stack. Currently serving as an SDE Intern at GridOS, Noida, focusing on the development and maintenance of production-level applications. Committed to writing clean, efficient code and optimizing performance to meet complex business requirements.

PROFESSIONAL EXPERIENCE

Software Development Engineer Intern @Grid OS(Noida) April 2025 – Present

- Led end-to-end development of full-stack web and Desktop Application using Electron, TypeScript, React.js, Node.js, and MongoDB, resulting in a 40% improvement in modularity and code maintainability.
- Collaborated with UI/UX designers, backend engineers, and product managers to deliver a scalable platform aligned with business goals and timelines.
- Integrated RESTful APIs and optimized UI performance across multiple platforms.
- Participated in Agile sprints, handling bug fixes, feature rollouts, and code reviews.
- Ensured mobile responsiveness and cross-browser compatibility across 5+ modules, enhancing user satisfaction in internal QA reviews.

MERN Developer Trainee GeeksforGeeks(Noida) July 2024 – October 2024

- Built RESTful APIs using Node.js and Express.js with MongoDB as the backend.
- Reduced response time by 20% by optimizing database queries.
- Implemented JWT-based authentication, ensuring secure access for 500+ users. Deployed applications to AWS S3, maintaining high uptime and scalability.

PROFESSIONAL SKILLS

- **Framework/Libraries:** React.js, Electron, Next.js, Tailwind, JavaScript, Bootstrap
- **Database:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, REST APIs, AWS (S3), WordPress
- **Programming Languages:** TypeScript, JavaScript, C++, Java, HTML, CSS, Node, SQL
- **Professional Strengths:** Analytical Thinking, Growth Mindset, Team Collaboration, Quick Learning

PROJECTS

MY Portfolio https://rs-233.github.io/My_portfolio/

- "Provide a comprehensive overview of my projects and the services I offer."
- "Offer detailed insights into the scope of my work and the solutions I provide."
- "Present an in-depth description of my projects and professional services."
- "Highlight the core features and value of my projects and the expertise behind my services."

YumRun(MERN Stack) <https://yumrun-z9ry.onrender.com>

- **User Authentication and Authorization:** Implemented secure signup, login, and logout functionalities using JWT and OAuth, enhancing authentication security by 95%.
- **Payment Integration:** Integrated secure payment gateways supporting multiple methods (credit cards, PayPal, etc.), ensuring seamless transactions with a 99.9% success rate.
- **RESTful APIs:** Designed and optimized backend APIs using Express.js, improving request handling efficiency by 40%.
- **Security:** Enforced industry-standard security practices, including JWT-based authentication, HTTPS for encrypted communication, and advanced data encryption, reducing security vulnerabilities by 85%.

EDUCATION

Bachelor of Technology in Computer Science Aug 2021 --- Jul 2025
Moradabad Institute of Technology Moradabad, India

CERTIFICATION

- **Data Structures and Algorithms:** Gained proficiency in Analytical Thinking, algorithm design, and data structure optimization **MERN Certification**
- **(2024):** Developed expertise in full-stack web development with a focus on database management and query optimization using the MERN stack.
- **Smart India Hackathon (Participant):** Contributed to innovative solutions as a team member in the Smart India Hackathon **Hi-Tech 2022 2nd Prize**
- **Winner (2023):** Awarded second place in the Hi-Tech 2022 competition for excellence in technology innovation.
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