Rahul Kumar

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EDUCATION

Vellore Institute of Technology <div align="right">2022 – 2026</div>

*B.Tech - Computer Science and Engineering - **CGPA: 8.65*** <div align="right">*Bhopal, Madhya Pradesh*</div>

PROJECTS

ResumeForge — ATS-Friendly Resume Builder

React 19, Hello Pangea DnD, Lucide React, LaTeX (GitHub) (Live Site)

- Designed an **ATS-optimized** resume builder with **live preview**, **dark/light themes**, and one-click export to structured **LaTeX**, ensuring clean typography and recruiter-friendly parsing.
- Built a robust **LaTeX generation pipeline** (templating, escaping, preamble control) entirely **client-side**—no external LaTeX APIs—delivering consistent formatting and offline-friendly reliability.
- Implemented **drag-and-drop** section ordering, **client-side routing**, and **persistent state** via a custom localStorage hook, enabling fast, accessible, and seamless editing workflows.

TuduAI - Smart Productivity Application

React, Vite, Supabase, OpenAI GPT API, PostgreSQL, Vercel (GitHub) (Live Site)

- Built a robust task management platform serving 150+ users, leveraging **React**, **Vite**, **Supabase**, and **PostgreSQL** for real-time task synchronization, secure authentication, and efficient data handling.
- Integrated the **OpenAI GPT API** to transform natural language into actionable task lists, automating 90% of task creation and boosting user productivity by 30%.
- Deployed to **Vercel** with automated builds and preview environments, ensuring fast delivery and dependable releases.

Full Stack Portfolio Website

Next.js, React.js, Tailwind CSS, TypeScript, Supabase, Vercel (GitHub) (Live Site)

- Engineered a responsive portfolio platform with dynamic Blog and Projects sections backed by Supabase, achieving **100% Core Web Vitals** and **mobile compatibility across 25+ devices**.
- Deployed on Vercel with CI/CD, enabling **99.9% uptime** and supporting **1,500+ monthly page views**, with **real-time content updates** and **SEO optimization** for improved discoverability.

EXPERIENCE

Bluestock.in <div align="right">May 2025 – June 2025</div>

Software Development Engineer (SDE) Intern <div align="right">*Remote / India*</div>

- Gained hands-on experience in full-stack web development by building and enhancing modules with the MERN stack (MongoDB, Express.js, React.js, Node.js) used in live projects.
- Contributed to API integration tasks and backend improvements, collaborating with senior team members to boost reliability and modern software development best practices.
- Implemented secure authentication features with JWT and learned role-based access control, honing real-world development and teamwork skills.

SKILLS

Expertise: Data Structures & Algorithms, Full-Stack Web Development, Cloud Computing (AWS)

Languages: C++, JavaScript, TypeScript, MySQL, HTML/CSS

Frameworks & Technologies: Linux, ReactJS, Node.js, Express.js, MongoDB, PostgreSQL

Developer Tools: VS Code, Git, GitHub, Postman, AWS

CERTIFICATIONS & ACHIEVEMENTS

- GitHub Foundation - *GitHub* ↗
- Learn. Share. Repeat. Maintained a public learning practice by publishing in-depth articles on ↗ **Medium** and concise insights on ↗ **Twitter**, translating complex topics into actionable takeaways and strengthening the developer community.
- Solved 500+ problems on LeetCode and Codeforces, demonstrating disciplined problem-solving and algorithmic fluency. ↗
- Awarded the **Best Student Award** by LIC in 2018 for ranking in the top 1% academically and demonstrating leadership among 500+ peers.