

Karan Singh Rathore

📍 Jaipur, Rajasthan ✉ ksinghrathore674@gmail.com ☎ 9672903736 📁 Portfolio in Ksingh1302
🌐 github.com/Karan-SinghRathore +

PROFILE SUMMARY

Full-stack developer skilled in MEAN stack (MongoDB, Express.js, Angular/React, Node.js) and Core Java, with experience building scalable web applications and REST APIs. Looking to contribute to dynamic teams building impactful products..


Education

Government Engineering College <i>B.Tech in Computer Science and Engineering</i> <ul style="list-style-type: none">◦ GPA: 7.93/10.0◦ Coursework: Computer Architecture, Learning Algorithms, Computational Theory	<i>Ajmer, Rajasthan</i> <i>08/2021-06/2025</i>
Warren Academy <i>Senior Secondary</i> <ul style="list-style-type: none">◦ Percentage: 80.20◦ Coursework: Physics, Chemistry, Mathematics	<i>Jaipur, Rajasthan</i> <i>03/2020-06/2021</i>
Warren Academy <i>Secondary</i> <ul style="list-style-type: none">◦ Percentage: 84.20◦ Coursework: Science, Mathematics, Social Science	<i>Jaipur, Rajasthan</i> <i>04/2018-03/2019</i>

Experience

Fullstack developer Intern <i>JRS Innovation</i> <ul style="list-style-type: none">◦ Work closely with the product team to analyze and implement new feature requirements for core company applications to develop and integrate scalable features that improve product functionality and enhance user experience.◦ Coordinated with the backend team to ensure smooth feature connectivity and system stability, maintained clean, scalable code, and contributed to continuous improvements in product performance.◦ Developed feature-specific APIs and front-end components, aligned with product requirements. Pushed code changes to GitHub for collaborative review and seamless integration with the main codebase	<i>Jaipur, Rajasthan</i> <i>08/2025 - Present</i>
Junior Software Engineer <i>KVON Tech Pvt. Ltd.</i> <ul style="list-style-type: none">◦ As a MEAN Stack Developer, I have been responsible for developing and maintaining full-stack web applications using MongoDB, Express.js, and Node.js◦ I work on building responsive and user-friendly front-end interfaces and designing robust RESTful APIs for seamless back-end integration.◦ Optimized Amora (a dating app) backend APIs using Node.js, resulting in 40 percent performance improvement, Implemented secure, session-based authentication and real-time matchmaking logic.	<i>Jaipur, Rajasthan</i> <i>04/2025 - 08/2025</i>

Projects

Oxmaint.ai <ul style="list-style-type: none">◦ Enhanced the existing blog section by migrating it from Excel-based static data to a database-driven structure, ensuring scalability and dynamic content handling. Developed a custom CMS portal that allows team members to create, edit and publish blogs seamlessly.	
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- Integrated the CMS with the main website so that newly uploaded content is automatically reflected in real time. Improved overall workflow by eliminating manual processes, making content management more efficient and user-friendly.
- and on the organisation specific portal we have Built features to manage and monitor Key Performance Indicators (KPIs) for different roles, helping the organization track productivity and performance. Collaborated with the core team to seamlessly integrate these modules into the existing platform, ensuring a secure and scalable workflow.
- Tech Stack: **Mongodb,Next.js,Github**

ShubhAanganhd.com

[Site](#) 

- Designed and delivered a responsive portfolio website for a retail shop, showcasing their product range effectively.Built static, user-friendly layouts that aligned with the client's branding and improved their online presence.
- Optimized the site for cross-device compatibility and better usability across desktop and mobile.
- Collaborated with the client to analyze requirements and translate them into a clean, modern web design.Ensured SEO-ready structure and lightweight performance through optimized content and images.
- Tech Stack: **HTML5 CSS3,JavaScript,Bootstrap,React.js**


Pushpanjali



- Created and implemented more than 10+ RESTful APIs for user registration, authentication, flower ordering, admin panel interactions, and viewing past bookings which enhanced system efficiency by 30.
- Designed and optimized database schemas in MongoDB, managing 10+ core collections (Users, Bookings, Flowers, Product, Admin Logs and etc) to ensure data integrity.
- Developed the backend logic for automation of the confirmation of bookings, that controlled active bookings refresh, as well as the automated confirmation of bookings which reduced the need for manual processes by 40
- Tech Stack: **Node.js, Express.js, MySQL, MongoDB, Postman**

CSS animation playground

[Github](#) 

- Created a real-time CSS compiler which allows users to write and preview custom keyframes and style code live in browser which aids design iteration by 50
- Integrated a live previewer which applies custom user-defined animations to the preview elements without refresh improving user experience and application responsiveness.
- Implemented a responsive, dark-themed UI with custom glowing buttons and animated SVG blobs.
- Deployed live at [Site](#)  and achieved 100 uptime using GitHub Pages.
- Tools: **HTML5, CSS3, JavaScript, LocalStorage, GitHub Pages, Git, VS Code.**

Technologies

Languages: Java, JavaScript, TypeScript, HTML5, CSS3, Python, MySQL

Frameworks/Libraries: Angular, Node.js, Express.js, Bootstrap, OpenCV

Concepts: A: Data Structures Algorithms, OOP, SDLC, Responsive Web Design

Technologies: Figma, MongoDB, Wordpress,REST APIs, Postman, Git, GitHub