Karan Singh
Software Engineer

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GitHub
LinkedIn
Portfolio

SKILLS

Programming Languages	C, C++, JavaScript (ES6+), Python, Java
Web Development	React.js, Node.js, Express.js, HTML5, CSS3, Tailwind CSS, Material UI, RESTful APIs
Database Technologies	MongoDB, MySQL, SQL, Mongoose ORM
Tools & Platforms	Git, GitHub, Postman, Vercel, Netlify, Render, macOS, CLI
Development Environment	Visual Studio Code, Code::Blocks, Chrome DevTools
Methodologies & Concepts	Agile, OOP, MVC, Responsive Design, RESTful APIs
Relevant Coursework	Data Structures, OS, DBMS, Computer Networks, Software Engineering

WORK EXPERIENCE

Frontend Developer   March 2025 — Present
Jasmine Knitting Pvt Ltd.   *Gurugram*

- Built Lab Recipe UI with **React.js**, **Next.js**, and **Tailwind CSS** in a collaborative, agile team.
- Optimized performance by integrating **RESTful APIs**, cutting load times by **25%**.
- Led secure auth using **JWT** and **React Context API**, enhancing user privacy.
- Designed smart recipe forms with validation, reducing input errors by **60%**.
- Boosted engagement by **35%** with **AOS animations** and embedded **Google Maps**.

Web Development Intern   May 2023 — July 2023
CodeClause   *Remote*

- Completed two frontend projects: a **Portfolio Website** and a responsive **Unit Converter**, demonstrating modular design and deployment readiness.
- Developed a **Unit Converter** using **HTML, CSS, and JavaScript**, supporting real-time conversion across 10+ units (Length, Weight, Temperature, etc.), achieving 100% test coverage.
- Improved cross-device user experience by applying responsive layouts and accessibility best practices, cutting screen-size related issues by **90%**.
- Optimized performance through modular JavaScript, form input validation, and real-time user feedback, improving average session duration by 20%.

PROJECTS

Responsive Portfolio Website Builder   Dec 2024

- Built a fully responsive and interactive portfolio website using the **MERN stack**, showcasing 10+ real-world projects, certifications, and technical skills.
- Implemented **CRUD capabilities** in the project module, enabling real-time content management and increasing user engagement by 30%.
- Leveraged personalized content rendering and responsive design to improve site interactivity and boost platform engagement by 50%.
- Deployed on **Netlify** with performance tuning, enhancing global accessibility and driving a 25% increase in client inquiries.

Restaurant Platform   Oct 2024

- Engineered a feature-rich, mobile-responsive restaurant website using **React.js**, **HTML**, and **CSS**, resulting in a seamless cross-device experience.
- Developed core features including homepage, menu display, contact form, and intuitive navigation to optimize user journey and retention.
- Leveraged a **mobile-first approach** to streamline layouts and enhance accessibility across 100% of tested devices.
- Enhanced interactivity with animated UI components and integrated **React Router** for smooth client-side navigation.

EDUCATION

ABES Engineering College   Nov 2020 — June 2024
Bachelor of Technology in Computer Science and Engineering — 7.22 CGPA   *Ghaziabad, Uttar Pradesh*

Shri Salig Ram I C   April 2017 — April 2019
Senior Secondary (Intermediate) — 76%   *Agra, Uttar Pradesh*

Sarswati Gyan Mandir I C   April 2015 — April 2016
Secondary School (High School) — 91.17%   *Agra, Uttar Pradesh*

ACTIVITIES

- Achieved a prestigious rank in **UPSEE 2020**, scored **92 percentile in JEE Main 2019**, and qualified **GATE 2025**.
- Solved **500+ coding problems** across various platforms like LeetCode, CodeChef, and GeeksforGeeks.