KARAN KUMAR

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OBJECTIVE

B.Tech Computer Science student seeking a full-time software development role to apply and grow my skills in full-stack web development.

EDUCATION

Bachelor of Technology in Computer Science   *2021 – 2025*
I.K. Gujral Punjab Technical University, Mohali Campus-1
Relevant Coursework: Data Structures, Computer Networks, DBMS, Operating Systems

Senior Secondary School (Science Stream)   *2019 – 2021*
Govt. Model Sr. Sec. School, Chandigarh

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, SQL, MongoDB
Frameworks/Libraries: ReactJS, Node.js, Express.js, Bootstrap, Tailwind CSS
Tools: Git/GitHub, VS Code, Figma

EXPERIENCE

Full-Stack Development Trainee   *Jan 2025 – June 2025*
Hopping Minds, Mohali

- Built full-stack web apps using the MERN stack (MongoDB, Express, React, Node.js).
- Developed a job portal with role-based access, reducing user registration time by 30%.
- Implemented secure login/auth with JWT & bcrypt; integrated APIs with React via Redux.
- Designed MongoDB schemas and handled CRUD operations for dynamic rendering.

Web Development Trainee   *Jul 2023 – Aug 2023*
Avidity Educators

- Learned fundamentals of web development: HTML, CSS, JavaScript.
- Created static responsive websites using Bootstrap and Flexbox.
- Developed a to-do list app with DOM manipulation and interactive UI.

PROJECTS

Trackonomy – Expense Tracker (MERN Stack)
Built a full-stack web application where users can track their income and expenses. Implemented user authentication, secure data handling, and dynamic charts for visualizing financial data. Used React for the frontend, Node.js/Express for the backend, and MongoDB for persistent storage.

Job Portal – Full Stack Project
Built a scalable job portal where companies can post jobs and users can apply. Implemented role-based access (admin, company, user), RESTful APIs, and a modern React frontend with form validation and alerts.

TechZNews – Live Tech News Website
Developed a responsive web app using HTML, CSS, JavaScript and React.js to fetch live tech news from NewsAPI. Integrated loading spinners, error handling, and dynamic rendering to enhance UX.