Sagar

Full Stack Developer | Expert in MEAN & MERN Stacks | Building Scalable Web Solutions

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PROFESSIONAL SUMMARY

Full Stack Developer with 2+ years of professional experience specializing in JavaScript technologies across both front-end and back-end development. Expertise in building scalable web applications using MEAN and MERN stacks. Proven ability to design, develop, and implement complex web solutions that meet business requirements and enhance user experience.

PROFESSIONAL EXPERIENCE

Full Stack Developer
Solutions Tree

June 2023 - Present | Sahibzada Ajit Singh Nagar, Punjab, India

- Developed and maintained full-stack web applications using React, Node.js, NestJS and MongoDB
- Implemented RESTful APIs and integrated third-party services
- Collaborated with cross-functional teams to define, design, and ship new features
- Optimized application performance through code refactoring and database optimization
- Mentored junior developers and conducted code reviews

Web Developer Intern
RND Experts

January 2023 - May 2023 | Sahibzada Ajit Singh Nagar, Punjab, India

- Assisted in the development of web applications using JavaScript technologies
- Implemented front-end components based on design specifications
- Participated in code reviews and bug fixing
- Contributed to documentation and technical specifications

TECHNICAL SKILLS

Frontend Technologies	Backend Technologies	Database & Tools
JavaScript (ES6+)	Node.js	MongoDB
React.js	Express.js	Git & GitHub
Angular	NestJS	Docker
HTML5 & CSS3	RESTful APIs	AWS
Bootstrap		Jira & Confluence
Tailwind CSS		

PROJECTS

Gaply

- A learning management platform designed to identify organizational skill gaps through analysis and automatically recommend targeted learning modules and strategic initiatives.
- Engineered a secure NestJs/Express backend with RESTful APIs to handle critical business logic for assessment processing, automated report generation, and user authentication.
- Designed and managed MongoDB schemas to efficiently store and structure complex data for client assessments, generated reports, goals and initiatives.
- Automated the manual report generation process, reducing a day-long task to minutes and establishing it as the product's core value proposition for the client.
- Delivered a product that improved operational efficiency, enabling data-driven decision-making and allowing the consultancy to scale its client onboarding process. Developed a full-stack e-commerce solution with React frontend and Node.js backend

Storefront

- Supply Chain Management Software for Wholesale Ecommerce, Product Cataloging (nested categories, bulk uploads via CSV), Order Processing, Packaging Queue, and Gate Pass Generation for logistics.
- Identified the need for code reusability across multiple admin panels and future client portals. Architected and built a custom React-based utility library that abstracted all API calls, authentication headers, and error handling.
- This library standardized API integration, reduced development time for new frontends, and ensured consistency and easier maintenance.

E-com

- Developed a comprehensive e-commerce platform utilizing the MERN stack, delivering a seamless user experience.
- Implemented essential backend functionalities, including user authentication and authorization, product management, cart management, an admin dashboard, analytics, and a reviews & ratings system.
- Designed and implemented MongoDB database models to optimize data storage and retrieval, ensuring high performance and scalability.
- Applied robust security measures, including authentication, authorization, and input validation, to mitigate potential vulnerabilities and protect user data.

Resume Builder

- Created a user-friendly interface that simplifies the resume creation process, significantly reducing the time and effort required by users.
- Designed features that allow users to input their information and generate customized CVs.
- Enabled support for various customizations, empowering users to easily select and personalize options to suit their preferences.

EDUCATION

Chandigarh College of Engineering & Technology (Degree Wing), Panjab University
Bachelor of Engineering in Computer Science & Engineering
July 2019 - May 2023