Vishalpreet Singh

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Summary

Aspiring Frontend Software Engineer with a solid foundation in full-stack web development, specializing in React and Node.js. Turning ideas into elegant, functional digital experiences .Building Data-Driven Web Applications.

Technical Skills

- **Frontend -** JavaScript, React JS, Type Script, NextJS
- **Backend -** Node JS, ExpressJS
- **DevOps -** Docker, AWS
- **Databases -** Mong DB, My SQL, PostgreSQL
- **Languages -** C, C++, Java, Python

Relevant Coursework

Data Structures	Software Methodology	Algorithms Analysis	OOPS
Database Management	Operating System	React JS	Node JS
Type Script	Microsoft Office	Power BI	Git

Projects

Campus Connect - Frontend & Backend Development

Tech Stack - React JS, Type Script, JavaScript, Node JS, Express JS, Vite, Tailwind CSS, Mongo DB.

- Build a user friendly interface for seamless usage across various decisions.
- Developed a Centralized Platform that integrates academics and extracurricular activities.
- Facilitated seamless access to academic resources, to empower students in their learning journey.
- Enabled real-time collaboration & notifications via WebSockets / Firebase Cloud Messaging.
- Archived PYQs for competitive and academic exams with subject-wise and topic-wise labels.
- Offered mock tests and quizzes with instant evaluation and feedback.
- Used visual analytics using AI for analysis of progress and performance of users.

Task Management App - Frontend & Backend Development

Tech Stack - Tech Stack: React, Node.js, Express, MongoDB, REST APIs, JWT Authentication, AWS (EC2/S3), Git/GitHub, Docker.

- Developed a full-stack task management application enabling users to create, update, prioritize, and track tasks with deadlines and categories.
- Implemented authentication & role-based access control (JWT/OAuth) to ensure secure multi-user functionality.
- Designed intuitive UI/UX using React (or Angular/Vue) with responsive layouts for mobile and desktop.
- Built RESTful APIs / GraphQL backend using Node.js + Express (or Django / Spring Boot), supporting CRUD operations and real-time updates.
- Integrated cloud database (PostgreSQL, MongoDB, or Firebase) for persistent storage and optimized query performance.

Certificates

Think NEXT Technologies - Completed hands-on training in ReactJS, AWS cloud services, and full-stack web development concepts

Infosys SpringBoard - Completed structured training in C and Python, focusing on problem-solving, algorithms, and programming fundamentals.

Education

Guru Nanak Dev Engineering College, Ludhiana | Bachelor's Degree in Computer Science & Engineering | 2022-26

Holy Family Convent School, SHGP Gurdaspur | ISC 10+2 PCM | 2021-22 | CISCE

Holy Family Convent School, SHGP Gurdaspur | ICSE 10 PCM | 2019-20 | CISCE

Coding Profile

Hacker Rank - 3-star rating in DSA (Java)

Geeks for Geeks - 100+ problems solved, focusing on DP and graph theory.