Taranpreet Singh

Chandigarh, Punjab

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EDUCATION

Thapar Institute of Engineering and Technology   **2021-2024**
Bachelors of Engineering in Computer Science, CGPA: 8.1   *Patiala, Punjab*

Guru Nanak Dev Polytechnic college   **2018-2021**
Intermediate, Percentage: 79.28%   *Ludhiana, Punjab*

EXPERIENCE

Seasia Infotech Private Ltd   ***Chandigarh***
Associate Software Developer   ***Sep 2024 – Present***

- Developing and optimizing complex software systems using React.js, JavaScript, React-redux, Zustand ,testing using JEST.
- Collaborating with cross-functional teams to deliver robust and scalable solutions.
- Focusing on frontend development to deliver exceptional user experiences to enhance system performance.

CodeTown Pvt Ltd   ***Bangalore***
Lead Application Developer *click*   ***Jan 2024 – July 2024***

- Built an interactive company portal featuring user authentication, product viewing, purchasing, and post-purchase learning with proper integration of Restful APIs for different pages.
- Utilized **React-Redux, and React Router** concepts to enhance performance and manage application state effectively.
- Collaborating with cross-functional teams to deliver a high-quality, production-ready web application adhering to industry best practices.
- Tech-Stack: React.js, Tailwind, HTML, CSS, JavaScript, TypeScript,Axios for REST APIs.

KhalsaSoft   ***Chandigarh***
Internship − Frontend Developer click   ***June 2023 − August 2023***

- Designed and built a multi-page e-commerce website, incorporating various Bootstrap components such as **carousels and pagination** across key pages like Home, Product Listing, Product Details, and Checkout, to effectively display and navigate different product categories.
- Utilized Bootstrap framework to streamline and enhance the website development process by 30%, ensuring consistent styling and layout across different platforms.
- Tech-Stack: HTML, CSS, JavaScript, Bootstrap.

PROJECTS

Healthcare Management System (May 2025 – Present)

- Designed and developed modules for doctor-patient consultation, medical history, prescriptions, and secure interactions with Role-Based Access Control (separate dashboards for patients, doctors, and admin staff).
- Implemented digital medical records (patient history, prescriptions, reports) with upload & storage support.
- Built doctor availability & scheduling (date/time selection); doctors can upload prescriptions and medications directly to the patient portal.
- Added PDF/CSV export of patient records for easy download and sharing.
- Integrated push notifications using Firebase for appointment reminders and follow-ups.
- Tech Stack: React.js, Redux, Tailwind, JavaScript, REST APIs, MongoDB, Jest

Real Estate Property Management System (Nov 2024 – March 2025)

- Implemented secure authentication with social login (OAuth) and built two dashboards for Admin and Public Users.
- Admin Dashboard: Approve/reject property listings, view graphs & charts (weekly/monthly listings & sales), and assign leads to agents via email.
- User Dashboard: Browse properties for rent/sale with images, price & details; added search, sort & filters. Users can schedule property visits, notifying sellers instantly.
- Integrated containerization & Jenkins deployment for CI/CD automation.
- Tech Stack: React.js, Redux, TypeScript, Tailwind, JavaScript, REST APIs, Java, PostgreSQL

BlogVerse

- Build a blogging platform that allows users to create and publish diverse content, including text, videos, photos, and status updates. Users can easily add, edit, and manage their blog posts, offering a dynamic and engaging way to share their ideas.
- Implemented User authentication and authorization with Appwrite in backend, ensuring secure web application access.
- Utilized React-redux for state management and hooks to ensure proper state management in the application.

TECHNICAL SKILLS

Languages: C, C++,HTML5,CSS3,JavaScript ,SQL/NoSQL,MongoDB,JQuery,
Technologies/Frameworks: Bootstrap,React,React Native,AWS,Jest Testing,
Developer Tools: Visual Studio Code,Postman, GitHub, Git.