

Dev Chawla

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Professional Summary

A highly motivated and detail-oriented **Frontend Developer** with hands-on experience in building **responsive, dynamic, and user-friendly web applications** using **React.js, JavaScript, HTML, and CSS**. Proficient in **API integration, state management** and using modern tools like **Git, VS Code**. Good understanding of **Core Web Vitals**, including **Largest Contentful Paint (LCP), Interaction to Next Paint (INP), and Cumulative Layout Shift (CLS)**, to deliver performant and accessible applications. Skilled in **UI/UX design, performance optimization**, and contributing effectively in **team-based agile environments**.

Experience

Software Development Engineer Intern

The Software Practice Pvt Ltd

Remote, Singapore

Oct 2023 - June 2025

- **Maintained high code quality standards** via regular **SonarQube scans**, extensive refactoring to eliminate 1500+ code smells, and wrote **XUnit tests** for over 500 backend endpoints within a Microservices Architecture. Achieved **80%+ code coverage** across a 350k+ line codebase.
- Used **AutoFixture** with custom configurations to rapidly generate complex test data, streamlining unit test development with minimal boilerplate.
- **Refactored complex LINQ queries** to improve performance and readability, reducing execution time and memory allocation in high-traffic modules.
- **Developed secure RESTful APIs** with proper input validation, request sanitization, and error handling to guard against common web vulnerabilities such as **XSS, SQL injection, and over-posting attacks**.
- **Actively maintained and monitored two production websites**, quickly addressing bugs, implementing feature improvements, and ensuring system stability through root-cause analysis and timely fixes.

Projects

Personal Portfolio | Next.js, TypeScript [[GitHub](#), [Try](#)]

- **Designed and developed a fully responsive portfolio** using **Next.js and TypeScript**, showcasing projects, skills, and experience with smooth animations and modern UI.

Google Clone | React.js, Context API, Google Search API [[GitHub](#), [Try](#)]

- **Leveraged the public Google API** to fetch and display **real-time search results**.
- **Implemented a search feature** that mimics **Google's search engine**, providing users with **relevant results across different categories**.

Netflix Clone | React.js, TMDB API [[GitHub](#), [Try](#)]

- **Integrated a public API** to dynamically **fetch and display movie and TV show data**, ensuring **up-to-date content**.
- **Implemented dynamic banner changes** on every refresh, enhancing the **visual appeal and user engagement**.
- **Implemented a responsive and user-friendly interface**, replicating **Netflix's clean and intuitive design**.
- **Integrated Trailers with react-youtube**: Utilized **react-youtube** to **embed and manage YouTube trailers** within the React application, enhancing the user experience by providing **easy access to video content**.

Technical Skills

Languages: JavaScript, TypeScript, C#

Libraries: react-youtube, axios, react-router, ReactJS

Technologies/Framework: HTML, CSS, Next.js, Entity Framework Core, ASP.NET, MySQL, Git, Github

Developer Tools: VS Code, SONARQUBE, YouTrack, JetBrains Rider, IntelliJ, Docker, Postman, Visual Studio

Coursework: Algorithms and Data Structures, OOPs, Operating Systems, DBMS, Computer Networks

Education

Institute of technology and science

Bachelor of Computer Applications

October 2022 - July 2025

Ghaziabad, Uttar Pradesh

- **Relevant Coursework:** Data Structures and Algorithms (C++), Computer Networking, DBMS, Operating System