Dev Chawla

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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   Oct. 2023 – June 2025
The Software Practice   *Remote, Singapore*

- **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

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.

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**.
- **Integrated Trailers with react-youtube**: Utilized **react-youtube** to **embed and manage YouTube trailers** within the React application, enhancing user experience by providing **easy access to video content**.

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**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C#
Libraries: react-youtube, axios, react-router, ReactJS
Frameworks: Next.js, Entity Framework Core, ASP.NET, MySQL
Developer Tools: VS Code, SONARQUBE, YouTrack, Jetbrains Rider, IntelliJ, Docker, Postman, Visual Studio, Git

EDUCATION

Institute of Technology and Science   Ghaziabad, Uttar Pradesh
Bachelor of Computer Applications   *Aug. 2022 – July 2025*