

Dev Chawla

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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

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, and Firebase**. Strong understanding of **Web Core Vitals** such as **Largest Contentful Paint (LCP), First Input Delay (FID), 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**.

Technical Skills

Languages: C, C++, JavaScript, C#

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

Technologies/Framework: HTML, CSS, 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

Experience

Software Development Engineer Intern

The Software Practice Pvt Ltd

Remote, Singapore

Oct 2023 – Present

- **Maintained high standards of code quality** with regular **SonarQube scans**, extensive **refactoring** to remove **3000+ code smells**, and writing of comprehensive **XUnit tests** for **500+ backend endpoints** and complex **Microservices Architecture**, increasing overall code coverage to over **80%** for a codebase of **200k lines**.
- **Implemented background processing features** in .NET using **Worker Services**, enabling **efficient task execution** without impacting user experience.
- **Actively maintained two websites**, addressing various issues from **production bugs** to **feature improvements**. Ensured quick and effective resolution by **identifying root causes** and implementing fixes.
- **Developed and optimized RESTful APIs** to handle **Create, Read, Update, and Delete (CRUD)** operations for various data entities, ensuring **robust and efficient data management**.
- **Actively attended Daily Stand-Up meetings** and **project discussion sessions**, contributing to **team collaboration**, providing project updates, and addressing any **issues or roadblocks** in real-time.

Projects

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

- **Leveraged the public Google API** to fetch and display **real-time search results**.
- **Gained experience in integrating the Google API** to retrieve and display **search results dynamically**.
- **Implemented a search feature** that mimics **Google's search engine**, providing users with **relevant results across different categories**.
- **Managed various API response scenarios** in React applications, including **successful responses, error handling, and loading states**, to ensure a **smooth and user-friendly experience**.

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**.
- **Managed application state effectively** using **React hooks and context API**, ensuring **smooth data flow across components**.
- **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**.