

Vaibhav Baliyan

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Profile

Recent graduate and apprentice software programmer with a strong foundation in web development. Currently working at Colt Technology Services where I leverage proprietary tools, web apps, and databases to verify and report discrepancies. Passionate about crafting efficient, user-friendly front-end solutions and continuously expanding my technical skills in modern web technologies.

Education

GL Bajaj Institute of Technology, B.Tech, Electronics and Communication Engineering 2020 – 2024

Technologies

Languages: Typescript, JavaScript, C/C++, MySQL, Python, HTML5, CSS3

Frameworks: TailwindCSS, ReactJs

Tools & Technologies: React Router, Context API, LocalStorage

Version Control: Git, GitHub

Additional: Computer Networking (good foundational knowledge)

Experience

Apprentice - Software Programmer, COLT TECHNOLOGY SERVICES – Gurugram, India December 2024 – July 2025

- Utilize proprietary web applications and tools to cross-check and report discrepancies across multiple telecom databases.
- Perform manual validation of numerical data to detect mismatches and false positives, ensuring data accuracy across legacy systems
- Collaborate with team members to streamline manual processes, contributing insights for potential tool enhancements.
- Develop and maintain scripts and small-scale tools to improve data verification efficiency, demonstrating a growing proficiency in software programming.

Projects

Movie Explorer – Interactive Movie Discovery & Favorites App Website

- **Dynamic Search:** Built a real-time movie search interface using the TMDb API.
- **State Management & Persistence:** Implemented global state management with React Context to store favorite movies.
- **Intuitive Navigation:** Designed Home and Favorites pages with React Router for enhanced UX.
- **Technologies:** React.js, React Router, Context API, TMDb API, LocalStorage

Zomato Landing Page Github

- Developed a responsive, pixel-perfect landing page using HTML and CSS to mimic Zomato's modern UI.

JavaScript Mini-Projects Github

- **Dice Roller:** Developed an interactive application allowing users to specify and roll any number of dice simultaneously, with visual output for each die.
- **Random Password Generator:** Built a tool to generate secure, randomized passwords using various character sets.
- **Temperature Converter:** Implemented a converter between Celsius and Fahrenheit, illustrating dynamic DOM manipulation.