Abhay Thakur

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EDUCATION

Chitkara University — Patiala, PB
Bachelor of Engineering in Computer Science (8.88/10 CGPA) — *June 2021 – June 2025*

D.A.V. Public School — Hamirpur, H.P.
PCM in 12th (89.4%) — *March. 2019 – March 2020*

COURSEWORK

Data Structures Algorithms Discrete Math Computer Network Computer Architecture

PROJECTS

Personal Website | *Next.js, Tailwind CSS, TypeScript* | GitHub | Live — March 2024
- My personal website, crafted with Next.js, Tailwind CSS, and TypeScript, offers a sleek and modern design.
- Features a collection of captivating blog articles, covering a variety of topics, from technology to personal reflections.
- Seamlessly integrates Next.js for dynamic page rendering and Tailwind CSS for a polished and responsive layout.
- Built with TypeScript for enhanced code readability and maintainability, ensuring a smooth and delightful browsing experience.

Anime-API | *Express.js, Cheerio, TypeScript* | GitHub | Live — Dec 2023
- Anime-API is an unofficial API developed in TypeScript and Express.js.
- It utilizes the Cheerio web scraping library to gather data on various anime titles.
- Offers developers a streamlined way to access anime information programmatically.
- Empowers users to fetch details like titles, genres, ratings and more for their favorite anime shows.

RepoNex | *React.js, Express.js, PostgreSQL, TypeScript, Tailwind CSS* | GitHub — Oct 2023
- Build a centralized hub for team coordination in open-source projects.
- Enhanced team communication during GitHub activities with real-time chat.
- Provides vital GitHub insights through a Dashboard section.
- Facilitates essential GitHub actions from a central location.
- Improves team collaboration and progress tracking

FXX Forum | *Next.js, Express.js, TypeScript, MongoDB, Tailwind CSS* | GitHub | Live — Sept 2023
- Fxx Forum is a community-driven forum platform built with Next.js, Express.js, MongoDB, TypeScript, and Tailwind CSS.
- Users can create threads and engage in discussions on various topics within the forum.
- Employs MongoDB for efficient data storage and retrieval, ensuring scalability and performance.
- Utilizes JSON Web Tokens (JWT) and Bcrypt for enhanced security measures, ensuring only authorized users can manage tasks.

ToDo-rust | *RUST* | GitHub | Crate — March 2024
- ToDo-rust, a command-line interface (CLI) application written in Rust for efficient task management and productivity tracking.
- Implemented features for adding, done, undone, deleting, and viewing tasks with intuitive command-line operations.
- Utilized Rust's robust performance and safety features to create a reliable and fast tool for daily to-do list management.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Java, Python, HTML/CSS, SQL, PostgreSQL
Frameworks: Next.js/React.js, Express.js, TailwindCSS
Developer Tools: Git/GitHub, (Neo)Vim, Tmux, GNU/Linux, Bruno, Docker

INTERESTS

Linux Open Source Cyber Security