

# Abhay Thakur

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## EDUCATION

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### Chitkara University

Bachelor of Engineering in Computer Science (8.88/10 CGPA)

Patiala, PB

June 2021 – June 2025

### D.A.V. Public School

PCM in 12th (89.4%)

Hamirpur, H.P.

March. 2019 – March 2020

## COURSEWORK

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Data Structures    Algorithms    Discrete Math    Computer Network    Computer Architecture

## PROJECTS

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### 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.

### TaskSync | *React.js, TailwindCSS, TypeScript, MongoDB* | [GitHub](#) | [Live](#) Dec 2023

- TaskSync is a robust task manager application featuring user authentication and CRUD operations built with TypeScript, Express, and Next.js.
- Secure user authentication and authorization mechanisms ensure data integrity and privacy.
- Leveraging modern technologies like Tailwind CSS and Next.js 14, TaskSync offers an intuitive and responsive user interface.
- Utilizes JSON Web Tokens (JWT) and Bcrypt for enhanced security measures, ensuring only authorized users can manage tasks.

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript/TypeScript, HTML/CSS, SQL, PostgreSQL

**Frameworks:** Next.js/React.js, Express.js, TailwindCSS

**Developer Tools:** Git/GitHub, (Neo)Vim, Tmux, GNU/Linux, Bruno, Docker

## INTERESTS

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Linux    Open Source    Cyber Security