

# Hayat Ilyas

Full-Stack developer

ihayat855@gmail.com

[Github profile](#)

[LinkedIn Profile](#)

## SKILLS

**Languages:** HTML/CSS , JAVASCRIPT, TypeScript , SQL , NoSql

**Technologies:** React js, Node js, Express js, Next js, Tailwind CSS, MongoDB , Postgres, MySQL

## Projects

**Chit-chat:** A chat app built using TypeScript, Node.js, Cloudinary and MongoDB and Express.js and socket IO .

- Integrated real-time messaging features for seamless communication between users
- Implemented real-time messaging, online/offline status indicators, and typing status functionalities.
- Reduced file upload time by 10% using Node.js streams to generate and store thumbnails of attachments. Thumbnails are displayed as images in the browser for quick previews, with the original file accessible upon user click.
- Implemented authentication and authorization system to secure user data and privacy .
- Supported both one-on-one and group chat functionalities.
- [Source Code](#)

**Writedaily:** A blogging platform similar to Medium built using Next.js, Shadcn UI , Node.js , Typescript , Postgres Drizzle ORM.

- Optimized search functionality with debounce method to reduce network call on every keystroke .
- Reduce the 17% article search time by adding Postgres full text search features by using GIN index .
- Implemented article publishing feature with efficient image processing using Busboy and Node.js event emitter, and Cloudinary for image uploading with proper file type and file size validation.
- Designed nested comment feature using Polymorphic relationship for improved query performance.
- Improved page loading by 10% using server components and Next.js dynamic imports.
- Implemented a nested comment feature using Recursion and Shadcn UI Sheet component .
- Adding Next.js caching and caching revalidation on demand to revalidate the cache to get new data .
- Integrated WYSIWYG editor with Slate.js, supporting various formatting options and keyboard shortcuts.
- Its editor offers different types of block including heading from h1 to h6, Code block , Check list, Block quote, Paragraph , HR , Image , Link , Number list and bulleted list and Table .
- The editor supports Markdown, undo/redo, and standard text formatting like bold, italic, underline, code, and more. Keyboard shortcuts such as Ctrl + B for bold and Ctrl + I for italic are available for quick usage.
- Provided syntax highlighting for code blocks and image resizing for better content presentation and many more .
- [Live App](#) | [Source Code](#) | [API Documentation](#)

**Ecommerce :** An Ecommerce build using JavaScript , MongoDB, Node.js and Express.js .

- Implemented features such as product listing, product details, cart management, and checkout process .
- Integrated online payment system for secure transactions using credit/debit cards by Stripe.
- Sanitizing every user input to prevent XSS, CSRF, DOS attack and many security issues..
- Improve the search functionality by 20% by implementing Full text search by advanced MongoDB pipeline.
- Designed an advanced filter product API for users to filter products by price, rating, and new arrivals.
- [Live App](#) | [Source Code](#)

**Ecommerce Dashboard :** This Dashboard is built using React.js, Tailwind , Chart.js , Redux and Material UI .

- The dashboard offers a complete view of store performance with visually engaging charts, providing insights into metrics like total orders, revenue, order status, and transaction distribution.
- Provided comprehensive store performance overview with visually appealing charts using Chart.js .
- Enabled efficient product management with features for adding, editing, and deleting products.
- Implemented order management functionalities including date-based filtering.
- Implemented authentication system to ensure secure access to the dashboard.
- Supported light and dark themes for customizable user interface.
- [Live App](#) | [Source Code](#) .