Kunwar Vinay Pratap

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Strong in design, integration, and problem-solving with a solid understanding of Data Structures and Algorithms. Proficient in HTML, CSS, JavaScript, React, Next.js, TypeScript, Tailwind, MongoDB, etc. Enthusiastic about implementing and launching new projects. Ability to learn fast and translate business requirements into technical solutions. **I am looking to start my career as an entry-level Web Developer with a reputed firm driven by technology.**

PROJECTS

Real-Time Comment System   View in GitHub

Developed a real-time comment system with the following tech stack:

Tech Stack: React, Next.js, TypeScript, Material UI (MUI), Node.js, Express.js, MySQL, Socket.IO

Key features include:
- **User Authentication:** Users can log in with a username to post and view comments.
- **Real-time Updates**: New comments appear in real-time as they are posted.
- **Responsive UI:** The user interface is fully responsive and mobile-friendly, built with Material UI (MUI).
- **Persistent Data:** Comments are stored persistently in a MySQL database.

Personal Portfolio   View in Browser

Developed a fully responsive and interactive personal portfolio website using the following tech stack:

Tech Stack: React, Next.js, TypeScript, Tailwind CSS, Headless UI, Framer Motion, SWR, MongoDB, Prisma ORM, Firebase Storage, NextAuth, TS-Jest, Vercel, ContentLayer2 (MDX rendering), Kbar Search, Lodash, Axios

Key features include:
- **Authentication:** Integrated NextAuth for secure user authentication, allowing users to log in and interact with personalized content.
- **Like & Comment System:** Implemented a real-time like and comment system for blog posts, enabling users to engage and interact with blog content.
- **Bug Report Form:** Developed a bug reporting feature with image upload functionality using Firebase Storage, allowing users to submit bugs along with screenshots or images.
- **Contact Form:** Implemented a contact form to allow visitors to reach out directly for inquiries or feedback, with proper validation and email notifications.
- **Light/Dark Mode & System Mode:** Incorporated a theme toggle for seamless switching between light, dark, and system mode, allowing the website to adapt to the user's preferred theme or system default, enhancing accessibility and user experience.
- **Responsive Design:** The site is fully mobile-responsive, ensuring an optimal viewing experience across devices.
- **Project Showcase:** Featured various web development projects with detailed descriptions, technologies used, and live demos, allowing users to explore work samples.
- **MDX Rendering for Blogging:** Used Contentlayer2 for MDX rendering, enabling dynamic blog content rendering with markdown and rich media, improving the overall blogging experience.
- **Kbar Search**: Powerful, fast search for blogs using JSON data.
- **Custom Project Search**: Developed unique algorithms for a search on the projects page.
- **Dynamic Metadata & SEO:** Leveraged Next.js's dynamic metadata capabilities for each page, optimizing the site for SEO with proper meta tags, titles, descriptions, and keywords, enhancing visibility and performance in search engines.

- **Newsletter with Email OTP Verification:** Implemented a newsletter subscription feature with email OTP verification, ensuring a secure sign-up process for users and preventing spam or unauthorized sign-ups.

Text Editor   [View in GitHub](#)

Developed a text editor using the following tech stack:

Tech Stack: React, Next.js (App Router), TypeScript, Tailwind CSS

Key features include:
- **Text Manipulation:** Convert text to uppercase or lowercase, copy to clipboard, and clear text.
- **Whitespace Removal:** Automatically remove extra white spaces from text.
- **Word and Character Count:** Displays word count, character count, and text reading time.
- **Light/Dark Mode:** Toggle between light and dark themes for better user experience.
- **Mobile Responsive:** Fully mobile-responsive UI for all devices.
- **Alert Feature:** Displays alerts for certain actions or messages.

CERTIFICATIONS

Certified Ethical Hacker (CEH)   May 2022 - July 2022

WsCube Tech - WS/2021/104277   **Grade:** A+

EDUCATION

Bachelor of Computer Applications (BCA) - *Computer Science*   July 2018 - August 2021

GPA: 6.86 (Out of 10)   **Percentage:** 65.17%

Maharaja Agrasen Himalayan Garhwal University [MAHGU], (Pauri, Uttrakhand, India)

TECHNICAL SKILLS

Web Development

HTML | CSS | JavaScript | TypeScript | React | Next.js | Tailwind CSS | Next UI | Headless UI | Material UI | Bootstrap | Figma | Framer Motion | Swiper | SWR | Next Auth

Database & Backend

MongoDB | MariaDB | MySQL | Firebase | Mongoose | Prisma ORM | Node.js | Express.js | Socket.IO | Thunder Client

Data Structures & Algorithms

Arrays | Stack Operations | Queue Operations | Sorting Algorithms | Searching Algorithms | Dynamic Programming

ADDITIONAL SKILLS

Vercel | Canva | Linux | Project Management | Time Management | Problem Solving | Adaptability | Creativity

LANGUAGES

Hindi   *Native or Bilingual Proficiency*
English   *Professional working Proficiency*

INTERESTS

Reading Tech Blogs | Listening to Music | Bike Riding | Web Development