Dhyan Rai BM

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EDUCATION

Vivekananda PU College   Puttur, Karnataka
Pre University College   *June 2019 – July 2021*

FMKMC College, Mangalore University   Madikeri, Karnataka
Bachelor of Computer Science   *August 2021 – July 2024*

PROFILE SUMMARY

Enthusiastic and detail-oriented Software developer with a strong foundation in building responsive and dynamic web applications. Experienced in using modern frameworks like React.js, Express.js and Next.js, and proficient in integrating APIs and optimizing performance. Demonstrated ability to work on complex projects such as **ImageNary AI**, **StripeStore**, and **MediaHub API**, showcasing a blend of technical expertise and creativity. Passionate about continuous learning and staying updated with the latest industry trends.

EXPERIENCE

Skyscanner Front-End Software Engineering   August 2024
Forage
- Completed a job simulation where I built a web application as a front-end engineer at Skyscanner using React.
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.
- Customized the application and ran automated tests to ensure it rendered properly.

PROJECTS

HousingPortal | *React, Redux, MongoDB, Express, Node.js, Axios*
- Engineered a modern real estate platform facilitating seamless browsing and searching of property listings.
- Utilized Axios for efficient HTTP requests, enhancing user experience.
- Implemented secure user authentication, favorites management, and comprehensive property listings.

ImageNary AI | *Next.js, Tailwind CSS (Shadcn), Cloudinary API*
- Developed an advanced image enhancement application with Next.js, leveraging its features for optimal performance and user experience.
- Seamlessly integrated with the Cloudinary API for sophisticated image manipulation capabilities, including restoration and generative fill.
- Employed server-side rendering in Next.js to boost performance and SEO.
- Utilized Tailwind CSS (Shadcn) for responsive and efficient styling.

MediaHub API | *Node.js, Express, MongoDB*
- Developed a video sharing and streaming platform akin to YouTube, offering a robust framework for user and video management.
- Implemented features for user registration, profile management, and video operations (uploading, updating, deleting, publishing).
- Enhanced user interaction with features like video search, liking, commenting, and playlist creation.

StripeStore | *Next.js, TypeScript, Redux, Tailwind CSS (Shadcn), Stripe*
- Developed a comprehensive e-commerce platform with Stripe integration using Next.js, TypeScript, and Redux.
- Implemented a smooth browsing and checkout experience for users.
- Included server-side rendering and API routes for efficient data handling.
- Styled the platform with Tailwind CSS (Shadcn) for a contemporary look.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript, Python, Typescript, SQL
Frameworks: React.js, Tailwind, ShadCN UI, Material UI, Bootstrap, Node.js, Express.js, NextJS
Developer Tools: Git, Postman
Databases: MongoDB, PostgreSQL, MySQL