Vignesh N

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EDUCATION

Dayananda Sagar College of Engineering — June 2024
Bachelor's of Engineering in Computer Science — *GPA: 7.72/10*
St.Joseph's Pre University College — June 2020

SKILLS

Technical Skills: React JS, JavaScript, Node.JS, Express.JS, MongoDB, Next.JS, Typescript, Python, HTML, CSS, Tailwind CSS, C/C++

Awards: Best Project Award on Project Open Day, Secured 2nd place in hAIothon (college hackathon)

EXPERIENCE

Centre for Artifical Intelligence and Robotics (CAIR), DRDO — Feb. 2024 – May. 2024
Project Development Intern
Conducted a Comparative study of Deep Learning models like MobileNetV2, Xception, VGG-16, Vision Transformers for image classification of ships.

PROJECTS

Shortify ⚫
- Shortify is a modern URL shortener built to create and manage shortened links easily and efficiently.
- It uses Next JS dynamic routing and MongoDB to generate shortened URLs
- Languages and platforms used- Next JS, React, Mongo DB, Tailwind CSS

Harmonia-Academy ⚫
- Harmonia Academy is a modern, visually appealing landing page designed to represent the brand and values of Harmonia Academy.
- It is a simple UI project focused on helping me get familiarized with component libraries, learn file based routing, Next JS and Typescript
- Languages and platforms used- Next JS, Typescript, React JS, Aceternity UI library, Ta9ilwind CSS

PassVault ⚫
- PassVault is a responsive, mobile-friendly password management application designed to store and organize your credentials, including passwords, usernames, and website URLs.
- PassVault provides a simple solution for managing website credentials in one central location. Its responsive design ensures compatibility with both desktop and mobile devices.
- Languages and platforms used- React JS, Express JS, Mongo DB, Node JS, Tailwind CSS

QuickTick ⚫
- QuickTick is a responsive todo list application created using React.js and Tailwind CSS, optimized for all screen sizes.
- Implemented real-time task management features, enabling users to add, edit, delete tasks without page reloads.
- Demonstrated deployment readiness by creating a local development environment, allowing easy access and usage for end users.
- Languages and platforms used- React JS, Vite, Tailwind CSS

Rhythmix ⚫
- Rhythmix is a modern and responsive music player designed to deliver a high-quality audio experience across various devices, including desktops, tablets, and mobile phones.
- Implemented a responsive layout to ensure the player adapts to different screen sizes.
- Learnt how to use Javascript to implement logical use cases.
- Languages and platforms used- HTML, CSS, Javascript, Figma.