

VAIBHAV KULKARNI

Software Developer

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EXPERIENCE

Freelance Web Developer | Sri Sri Academy

September 2024 – Present

- Designed and built a user-friendly website using Strapi, optimizing functionality and responsiveness for an enhanced user experience.
- Streamlined content management workflows, reducing update time by 40%.
- Planned future enhancements, including layout improvements and real-time data features to boost user engagement.

Website: [Sri Sri Academy](#)

APPLIED PROGRAMMING AND WEB-DEVELOPMENT PROJECTS

Employee Portal | *MongoDB, Express.js, React.js, Node.js*

[\[Git Repository\]](#)

- Implemented JWT-based user authentication and bcrypt for secure login, enhancing data security.
- Developed a dynamic dashboard to display employee records and manage CRUD operations, improving record management efficiency by 30%.
- Containerized the entire MERN stack application using Docker, ensuring consistent development and deployment environments.
- Impact: Streamlined employee data management with secure user authentication.

Green Grocer – E-commerce Platform for Organic Products | *Next.js, Next-Auth, TypeScript*

[\[Git Repository\]](#)

Tailwind CSS, ShadCN UI, Stripe, Prisma, PostgreSQL

- Developed an e-commerce platform for organic products, integrating Stripe for seamless payment processing.
- Implemented user authentication using Next-Auth for secure login and registration.
- Built an admin panel to manage sales, track stock, and monitor customer data.
- Utilized PostgreSQL and Prisma for efficient database management, ensuring smooth handling of products and customer data.
- Looking ahead: Integrating DevOps practices and building a mobile version using Swift UI, Swift for iOS.

Task Manager Application | *JavaScript, Local Storage*

[\[Git Repository\]](#)

- Built a task management app using pure JavaScript and local storage, helping users organize and track tasks effectively.

LOTRConverter (iOS App) | *Swift, SwiftUI*

[\[Git Repository\]](#)

- Designed and developed an iOS app for converting fictional Middle-earth currencies using SwiftUI.
- Created reusable UI components and implemented currency conversion logic using enums.
- Integrated **TipKit** to provide interactive tooltips, enhancing user guidance and user experience.
- Adopted modular architecture with features like state management and dynamic view updates for better maintainability.

[Explored JavaScript through these and many other projects. Discover them all on [GitHub](#)]

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, HTML/CSS, Swift, C

Frameworks: React.js, Node.js, Express.js, Next.js, Bootstrap, Tailwind CSS, SwiftUI

Tools: Git, Docker, VS Code, PyCharm, Xcode

Database Management: SQL, MongoDB, PostgreSQL

Cloud Platforms: Microsoft Azure, AWS

Development Practices: Data Structures and Algorithms, SDLC, DevOps, MVVM Architecture

CREATIVE PURSUITS

- **Hacktoberfest 2024 Participation:** Contributed to multiple MERN stack open-source projects, successfully merging over 4 pull requests. This experience earned me [Hacktoberfest badges](#), demonstrating my ability to collaborate and apply best coding practices.

EDUCATION

Bachelors of Engineering - Information Technology

June 2018 – May 2022

Maturi Venkata Subba Rao College (Osmania University), Hyderabad, Telangana.

Relevant Courses: Data Structures, Algorithms, Web Development, Software Engineering