

Adarsh Tiwari

Full-stack Developer | Building User-Friendly Web Apps

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Experienced Web Developer adept in all stages of advanced web development. Bringing forth expertise in design, installation and maintenance of web systems.

Experience

TensorGo Technologies, Hyderabad

SEPTEMBER 2023 - PRESENT

Full-stack Developer

- Designed and implemented a RESTful web APIs for Sass billing service
- Developed a web application from scratch, including back-end services, front-end interface, and database.
- Developed backend for sending real time data by implementing socket
- Developed a secure authentication system to ensure user privacy and data integrity.

Goldstone Technologies Limited, Hyderabad

MAY 2023 - SEPTEMBER 2023

Full Stack Engineer

- Designed and implemented a RESTful web API for integrating with third-party services
- Developed a full stack web application from scratch, including back-end services, front-end interface, and database
- Developed a secure authentication system to ensure user privacy and data integrity
- Implemented a responsive design that allowed the application to be used across multiple devices with minimal modifications optimized the application for performance, resulting in a 60% reduction in loading time
- Created reusable components to reduce code duplication and ease future maintenance
- Implemented authentication and authorization using JWT tokens
- Employed modern JavaScript features such as async/await and Promises to write code in an asynchronous manner
- Implemented a microservices architecture that improved system modularity and reduced dependencies between components

TensorGo Technologies, Hyderabad

JANUARY 2023 - APRIL 2023

Full-stack Developer

- Developed a full stack web application using modern technologies such as React, Nodejs, and MongoDB
- Utilized React to develop reusable components and optimize performance
- Incorporated third-party APIs into the web application for data exchange and real-time updates
- Developed a modular, single-page web application in React that incorporated responsive design principles

Education

Jaypee University of Engineering and Technology

JANUARY 2019 - DECEMBER 2023

Bachelor of Technology - B.Tech, Computer Science

City Montessori School

APRIL-2017 TO MAY-2018

Intermediate

Skills JavaScript, React, Socket.io, Node, HTML, CSS, MongoDB, Cassandra, Express, Microservices, WebRTC, Material UI, Tailwindcss, SCSS

Projects

StreamOn

AUGUST 2023

<https://stream-on-snowy.vercel.app/>

A real-time live streaming application using Next.js, React, Livekit, Clerk, Shadcn-UI and TypeScript. The platform enables users to effortlessly share and view live streams. Key features include secure user authentication, responsive design for optimal viewing on various devices, and seamless integration of real-time communication technologies. The project successfully provides users with a dynamic and interactive live streaming experience.

Doctor's Helpline

JULY 2023 - NOVEMBER-2023

Book, reschedule, and cancel doctor appointments effortlessly using Doctor's Helpline. Instantly know when doctors are available.

Quantron

MAY 2023-JULY 2023

Quantron helps fleet owners to track and manage their carbon credits and support vehicles that use alternative energy, including hydrogen energy. It allows fleet management companies and insurance companies to quickly connect with the vehicle and get a customised dashboard that captures a number of parameters as the fleet hit the roads.

Emytplus

JANUARY-2023 TO NOVEMBER-2023

emYt+ is a state-of-the-art compliance product from TensorGo Software that offers a wide range of features to evaluate and report on a subject's physical and emotional parameters during a video call.

Links

Linkedin

<https://www.linkedin.com/in/adarsh-tiwari-73ab961a3/>

Github

<https://github.com/a-tiwari5>

Certifications

Modern React with Redux

AUGUST 2022

Stephen Grinder, Udemy

- Master the fundamental features of React, including JSX, state, redux and props
- From square one, understand how to build reusable components
- Dive into the source code of Redux to understand how it works behind the scenes
- Tested and hone skills with numerous coding exercises
- Used popular styling libraries to build beautiful apps See different methods of building UI's through composition of components

Node JS: Advanced Concepts

SEPTEMBER 2023

Stephen Grinder, Udemy

- Master the Node Event Loop - understand how Node executes your source code.
- Understand the purpose of Node, and how the code you write is eventually executed by C++ code in the V8 engine
- Adding a huge boost to performance in your Node app through clustering and worker threads

- Turbocharge MongoDB queries by adding query caching backed by a lightning-fast Redis instance
 - Scale your app to infinity with image and file upload backed by Amazon's S3 file service
 - Implement a continuous integration testing pipeline so you always know your project functions properly
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Build Responsive Real-World Websites with HTML and CSS

JUNE 2023

Jonas Schmedtmann, Udemy

- How to design beautiful websites, by learning a web design framework I created just for this course. It consists of easy-to-use guidelines for design aspects like typography, colors, images, spacing
 - How to use well-established website components and layout patterns in order to come up with professional-looking designs
 - How to make any website work on any mobile device, no matter the design and layout (responsive design)
 - How to use the 7 steps of building a professional website in practice: planning, sketching, designing, building, testing, optimizing, and launching Important developer skills such as reading documentation, fixing code errors on your own, and using professional web development tools
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