

MADHU SUDHAN NAGGARI

madhunaggari@gmail.com | +91 9705937066 | Portfolio.com | github.com/Madhu-Naggari | linkedin.com/in/madhunaggari

PROFESSIONAL SUMMARY

Motivated and detail-oriented Full-Stack Developer with a strong foundation in front-end development and a growing expertise in back-end technologies. Proficient in creating responsive, user-friendly interfaces using HTML, CSS, JavaScript, React.js, Bootstrap, and Tailwind CSS. Currently deepening skills in server-side development with Python, SQL, MongoDB, Node.js, and Express.js to build robust, end-to-end web solutions. Committed to writing clean, maintainable code and delivering high-performance applications that align with both user needs and business objectives. Demonstrates a continuous learning mindset and a passion for building scalable, full-featured web applications.

SKILLS

- **Web Development:** HTML, CSS, React.js, Redux, Tailwind-CSS
- **Backend Development:** Node.js, Express.js, MongoDB, SQL, REST APIs
- **Programming Languages:** Python, Core Java, PHP, JavaScript
- **Design:** UX Research, UI Interaction Design, Wireframing, Prototyping, Usability Testing, Web Design, Branding, Packaging Design, Visual Design
- **Toolbox:** Visual Studio Code, Framer, Adobe Photoshop, Figma
- **Soft Skills:** Photoshop, Communication, Problem-Solving, Attention to detail, Teamwork, Critical Thinking, Time management

EXPERIENCE

FREELANCER
FRONT-END DEVELOPER, UI/UX DESIGNER

JAN-2023 - PRESENT
REMOTE

Project Name: Advanced Personal Portfolio Website

Domain: Front-End Web Development

Project Role: Front-End Developer

Project Description:

Designing and developing a fully responsive, visually appealing portfolio website to showcase personal projects, technical skills, and achievements. Built to reflect modern design principles and ensure seamless interaction across devices.

Responsibilities:

- Created a responsive multi-page layout using React.js and Tailwind CSS, ensuring cross-device compatibility and fast load times.
- Designed and implemented components such as a hero section, project gallery, contact form with validation, and an animated navigation bar.
- Integrated a downloadable resume feature and planned for future blog and dark/light theme toggling functionality.
- Focused on SEO optimization and accessibility standards for better discoverability and user experience.
- Applied modern UI/UX practices including smooth scroll, section transitions, and clean spacing for visual hierarchy.

Technologies Used: HTML, CSS, JavaScript, React.js, Tailwind CSS

Project Name: VacationHub – Trip Booking Platform

Domain: Front-End Web Development

Project Role: Front-End Developer

Project Description:

Developed an interactive travel booking platform allowing users to search, book, and manage international vacation stays. Designed with scalability in mind to transition into a full-stack application.

Responsibilities:

- Built reusable UI components using React.js and Tailwind CSS, including destination cards, filter panels, and booking modals.
- Designed responsive layouts that adapt to desktop, tablet, and mobile screens for optimal user engagement.
- Structured mock backend with MongoDB for property listings and booking records, with plans for future API integration.
- Added interactive features such as search filters (price, location, date) and trip summary cards with real-time updates.
- Planned authentication system and secure checkout integration (Stripe) for future full-stack deployment.

Technologies Used: HTML, CSS, JavaScript, React.js, Tailwind CSS, MongoDB (basic)

Project Name: Interactive Quiz Application

Domain: Web Application Development

Project Role: Front-End Developer

Project Description:

Created a web-based quiz platform with real-time question rendering, scoring, and visual feedback, suitable for practice or learning scenarios.

Responsibilities:

- Developed the core quiz logic including dynamic question loading, answer selection, score tracking, and result display.
- Handled question progression, lock mechanism after selection, and visual feedback for correct/incorrect choices.
- Applied condition-based styling with React state to enhance user engagement and learning.
- Ensured mobile responsiveness and touch-friendly interactions for wide accessibility.
- Planned future features such as timed questions, category filters, and backend question storage.

Technologies Used: HTML, CSS, JavaScript, React.js

Project Name: Full-Stack Learning Projects (Ongoing)

Domain: Full-Stack Web Development

Project Role: Full-Stack Developer (Trainee)

Project Description:

Currently engaged in self-driven full-stack development projects to strengthen server-side development, API handling, and database integration skills.

Responsibilities:

- Learning and implementing Node.js with Express.js to build RESTful APIs for user authentication, product listings, and CRUD operations.
- Integrating MongoDB and SQL databases to store and manage application data securely and efficiently.
- Practicing API testing using Postman and connecting endpoints to React front-end interfaces.
- Experimenting with backend features like JWT-based authentication, session management, and error handling.
- Deploying test applications locally and on platforms like Render or Vercel to understand full deployment pipelines.

Technologies Used: Node.js, Express.js, MongoDB, SQL, Python, REST API, Postman

EDUCATION

Full Stack Developer Program – CCBP 4.0

NxtWave Disruptive Technologies (Online)

2025 – Present

- Learning modern full-stack development with a strong focus on HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Python, and SQL.
- Building real-time, production-ready web applications with complete front-end and back-end architecture.
- Working on industry-standard projects such as trip booking apps, to-do managers, personal portfolio websites, and API-integrated platforms.
- Gaining hands-on experience with Git and GitHub for version control, collaboration, and project deployment.
- Mastering UI/UX design concepts and responsive design using Tailwind CSS and Bootstrap.
- Strengthening problem-solving skills through regular coding challenges and algorithmic practice.
- Learning deployment workflows using platforms like Vercel, Netlify, and Render for full-stack applications.
- Participating in code reviews, mentor feedback sessions, and community learning forums to improve code quality and team collaboration.

Bachelor of Technology (B.Tech) – Computer Science and Engineering

Universal College of Engineering and Technology, Guntur, Andhra Pradesh

Duration: 2022 - 2025

- Gained strong foundational knowledge in software development, algorithms, data structures, and database systems.
- Completed academic projects and participated in technical events focused on web development and programming.

Diploma in Mechanical Engineering

Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh

Duration: 2019 - 2022

- Acquired core concepts in mechanical systems, manufacturing processes, and applied mathematics.
- Participated in workshops and interdisciplinary projects with exposure to engineering fundamentals.

Secondary School Certificate (SSC)

Allwyn Mount Carmel English Medium High School, Nandalur, Andhra Pradesh

Duration: 2018 - 2019

- Built a solid academic foundation in mathematics, science, and general studies.
- Took part in school-level science fairs, quizzes, and extracurricular activities.

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Telugu
- **Certifications:** web development internship completion certificate
- **Interests:** Exploring new technologies, playing video games