RAHUL KHATAVKAR N B

Shimoga, KA | 7019532911 | rahulnbkhatavkar@gmail.com | GitHub | LinkedIn | Portfolio

SUMMARY

Aspiring Full Stack Web Developer with strong hands-on experience in building scalable and responsive web applications using the MERN stack. Skilled in designing RESTful APIs, developing dynamic UIs, and integrating databases. Continuously upskilling through real-world projects and personal learning, with a strong foundation in problem-solving and modern web technologies.

EDUCATION

Nagarjuna College of Engineering and Technology, Bengaluru.   **2018-2022**

B.E Electronics and Communication   CGPA-8.14

- Smart Glass for Visually Impaired – Built a final year project using Raspberry Pi-based wearable for blind navigation using ultrasonic sensors, GSM module, and voice guidance system via headphone. Led the team of 4 in system architecture, sensor integration, and real-time audio feedback using Python.

Sri Adichunchanagiri PU College, Shimoga   **2016-2018**

Pre-University (PCMB)

INTERNSHIP/WORK EXPERIENCE

Freelancer & Govt Exam Preparation, Shimoga – Self Employed   June 2023 - Present

- Independently developed mini projects using **MERN** stack and assisted friends in building college-level applications.
- Provided bug fixing, UI enhancements, and deployment help.
- Simultaneously explored and prepared for exams like VA, SDA-FDA, etc., while improving technical and interview skills through online platforms.

Wipro LTD, Bengaluru – Project Engineer   Dec 2022 - Apr 2023

- Built secure Internet Banking and Online Movie Ticket Booking system using C# in the .NET framework.
- Designed multi-tier architecture with efficient **DSA**-based logic for optimal performance.
- Integrated backend logic, user-friendly UI using **HTML** & **CSS**, and SQL database for seamless data management.

Wipro LTD, Bengaluru – Intern| **Link**   Mar 2022 - June 2022

- Collaborated Online Clinic Management System: Built a backend-driven clinic platform using **Java (J2EE)** with Servlets and JSP architecture.
- Implemented modules for appointment scheduling, doctor-patient records, and user authentication using MVC design pattern.
- Integrated JDBC for seamless interaction with **MySQL database**, ensuring secure data handling and real-time updates to clinic workflows.

PROJECT WORK

Project 1 –Responsive Music Player (Web App) | Link

- Developed a clean and functional music player using **HTML5**, **CSS3**, and **JavaScript**. Implemented features like play/pause, skip, seek bar, live progress tracking, dynamic background/image updates, and a curated song queue. Integrated dynamic audio playback, seek functionality. Designed for smooth UI interaction with visual feedback and theme transitions.

Project 2 – Ping Pong Game (Browser-based)| Link

- Created a two-player arcade-style ping pong game using **JavaScript** DOM manipulation and **HTML**. Game includes real-time score tracking, smooth paddle control, and reset functionality powered by animation loop logic.

Project 3 – Personal Portfolio Website | Link

- Developing a responsive personal portfolio with **HTML, CSS, JS** and planning to migrate to **React.js**. Includes contact form, GitHub integration, and responsive design optimized for all screen sizes.

SKILLS & CERTIFICATIONS

HTML5, CSS3, JavaScript (ES6+), React.js, Node.js, Express.js, REST APIs, DotNet, MongoDB, Microsoft SQL Server, Git & GitHub, Visual Studio Code, Communication, Leadership, Team Collaboration, Problem Solving.

- **Full Stack Web Development – MERN | Certificate**
- **AWS Academy Cloud Foundations | Certificate**
- **IoT Masterclass (2021) | Certificate**
- **RPA Training – AICTE & Eduskills | Certificate**