Shubham Yadav

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🔗 https://shubhamy-portfolio.vercel.app/

Summary

• Full Stack Developer with a proven track record of delivering successful projects and enhancing user experiences.
• Skilled in frontend and backend development, utilizing technologies like React, TypeScript, Redux, Node.js, Express.js, and MySQL.
• Specialized in streamlining processes and implementing advanced features such as anti-cheating mechanisms, facial recognition, and data visualization with various chart libraries.
• Proficient in transforming applications into progressive web apps (PWA) for improved accessibility and user engagement.
• Experienced in managing both frontend and backend development, ensuring seamless integration and optimal performance.
• Familiar with project management tools like Trello, version control with Git, and API testing using Postman.
• Committed to delivering clean code, following best practices, and continuously expanding technical knowledge.
• Strong problem-solving skills and a collaborative mindset, dedicated to meeting project goals and exceeding client expectations.

Experience

Graduate Student
Model College

Aug 2021 - Mar 2022 (8 months)

• Cloud Notes using MERN stack
• Food delivery landing page
• Online vaccination portal

Associate Software Engineer
Metricoid Technology Solutions

Jun 2022 - Present (1 year)

Project: MtestHub - Comprehensive Test Series Application for Streamlined Hiring

• Implemented anti-cheating mechanisms, data collection, test series scheduling, automatic test synchronization, test recovery, and duration tracking.
• Integrated facial recognition for capturing test takers' photos, handling multiple faces or no face detection.
• Employed email and website notifications for important events.
• Provided options for multiple/single attempts, public/private tests, and various question types.
• Configured Firebase/Google Cloud Storage for optional screen capture video storage.
• Managed frontend and backend using MERN Stack, MySQL, React JS with TypeScript.

• Transformed the application into a progressive web app, serving 800+ users and significantly, the result was a remarkable acceleration of the company's hiring process, reducing the time-to-hire by a remarkable three times and reduced the hiring process time by 33%.

Project: Japio - Data Platform

• Implemented data import and revamped the UI with glassmorphism and gradients.
• Replaced the chart library with ECharts by Apache and enabled multiple data source connectivity.
• Expanded the chart collection with bubble, scatter, regression, residual, gauge, and funnel charts.
• Utilized ECharts by Apache and Google Charts library for the metric builder using JavaScript.
• Implemented intuitive dataset joining to enhance the UI/UX.
• Improved Metric Builder with ascending/descending sorting and infinite loading for large dataset previews.

Project: CircleHub - Conversion of HTML/CSS/JS Bootstrap Template to ReactJS with PWA Functionality

• Leveraged ReactJS to improve code organization, enhance reusability, and utilize its component-based architecture.
• Implemented Progressive Web App (PWA) functionality to provide an app-like experience, including offline functionality.

Education

Keraleeya Samajam Model college
Bachelors of Information Technology , Information Technology
2019 - 2022

Licenses & Certifications

Cloud Application Development Foundations - Coursera
https://coursera.org/verify/specialization/FXR7YQK77D3T

Developing Cloud Apps with Node.js and React - Coursera
https://coursera.org/verify/8M44RN4UBWPT

Skills

React.js • Problem Solving • Redux.js • Agile Methodologies • TypeScript • Node.js • Express.js • MySQL • MongoDB • Cascading Style Sheets (CSS)

Honors & Awards

RajyaPuraskar - The Bharat Scouts and Guides
Sep 2018

Karate Black Belt - Karate Budokan International