SREE CHARITHA

FULL STACK DEVELOPER

PROFILE SUMMARY

- Over 2 years and 8 months of hands-on experience in Full Stack Development, along with an additional 6 months of internship experience.
- Currently working as Jr. Software Engineer in ClusterIT Solutions.
- Roles include gathering requirements from client, checking technical feasibility.
- Design, development, code reviews and also specialized in troubleshooting and debugging.
- Worked on web-based applications using MVC CORE especially inUI & Back End based application.
- Developed applications using PHP, ReactJS and NodeJS.
- Experienced has very good hands on experience with javascript.and knowledge on TypeScript.
- Hands on experience in MongoDB Atlas.
- Work on continuous research on latest technologies that are available in market and self-motivated towards continual learning.
- Worked on rich UI based applications using Reactjs, Bootstrap4 and CSS3.
- Worked on dynamic server-side backend technologies using NodeJs and PHP.
- Hands on experience in Docker.
- Have very good judgment on the UI designs and usability of an application.

TECHNICAL SKILLS

- Front-end Technologies - HTML, CSS, JavaScript, Jquery, AJAX, Bootstrap, ReactJS, TypeScript.
- Back-end Technologies - NodeJs, ExpressJs, PHP, GraphQL.
- Database Management - MongoDB, MYSQLi, DynamoDB.
- Other Skills - Responsive WebDesigns, Wordpress, AWT Java.

EDUCATION

LAQSHYA ENGINEERING COLLEGE

Bachelor of Technology

Khammam | 2015 - 2019

RESONANCE JUNIOR COLLEGE

Intermediate

Khammam | 2013 - 2015

ST. JOSEPH'S HIGH SCHOOL

SSC

Khammam | 2013

EXPERIENCE

JUNIOR SOFTWARE DEVELOPER
Cluster IT Solutions | October 2021 - Present

- Worked with various technologies:
  - Front-end: HTML, CSS, Bootstrap, JavaScript, React Js, TypeScript.
  - Back-end: Node.js, Express.js, MongoDB
  - Version Control: Git, GitHub, GitLab
- Working as a "Jr. Software Engineer" in Cluster IT Solutions, Khammam. From October 2021 – till date.
- Developed static websites for clients.
- Responsive design principles to enhance user experience.
- Knowledge on creating applications using Wordpress, AWT java, MYSQLi, PHP, GraphQL.
- Managed time-sensitive updates, including content changes and database upgrades.
- I possess a certain level of familiarity with AWS services like EC2, Aws Lambda functions and S3.

PROJECTS

Learning Management System (LMS) Project

Project Overview:
Developed a comprehensive Learning Management System (LMS) designed to facilitate online learning through a centralized platform for tutors, administrators, and learners. The system manages, delivers, and tracks educational or training programs. Key features include certificate generation upon course completion, detailed reporting for students, user management with a top-down approach, and versatile question types for assessments. Courses can be purchased by unassigned students via Razorpay.

Technologies:
React.js, GraphQL, DynamoDB, AWS SES, Lambda, Docker, AWS AppSync, AWS Amplify, Razorpay Integration.

Responsibilities:
- Managed both AWS Amplify and AWS AppSync integration with the React.js frontend.
- Utilized AWS Amplify and AppSync to streamline the backend and frontend interaction, ensuring efficient data management and real-time updates.
- Implemented nodemailer to send automated emails for password resets and user registration confirmations.
- Developed Lambda functions to handle user login processes and integrate with nodemailer for email functionalities.
- Lead the development of major modules, including:
  - Managing questions in question banks and content in content banks
  - Managing user creation and organization using a top-down approach.

- Attaching questions to tests, creating question papers, and displaying them at the student end with features like shuffling questions and options, section-wise display, and various display modes (all questions, single question).
- Implementing functionalities for students to view exam reports and download certificates.
- Managing the calculation of auto-corrected and manually corrected questions.
- Courses can be purchased by unassigned students via Razorpay.
- Created a code compiler feature to facilitate both auto and manual correction options for submitted answers.
- Integrated Razorpay for secure and efficient payment processing, allowing students to select and pay for courses.

Central Bank Digital Currency (CBDC) Project

Project Overview:
Developed a digital currency system involving doctors, patients, and insurers, enabling users to manage funds through mempool and wallet setups. The system supports transactions and payments between patients, insurers, and hospitals, ensuring that medical bills can be managed efficiently and affordably.

Technologies:
ReactJs, NodeJs, Docker, Mobile Application Development, Digital Wallet Integration.

Responsibilities:
- Designed and implemented the core functionalities for managing mempool and wallet setups to facilitate fund allocation and transactions.
- Developed the logic to calculate and distribute funds using Docker, ensuring secure and efficient transactions.
- Enabled patients to pay unaffordable medical bills with the help of insurers through a shared payment system.
- Created separate login portals for hospitals, insurers, and patients, each displaying respective balances and transaction capabilities.
- Implemented functionality for users to increment their balances through mempool and wallet interactions.
- Developed a mobile application that allows users to view their balances, providing a convenient way to monitor their funds on the go.

Gold Scheme Project

Project Overview:
Developed a comprehensive online platform for a jewelry business, featuring various gold investment schemes. The platform allows customers to register, select schemes, and make payments, providing a seamless and user-friendly experience for managing gold investments.

Technologies:
React.js, GraphQL, DynamoDB, AWS SES, Lambda, Docker, AWS AppSync, AWS Amplify, Razorpay Integration.

Responsibilities:

- Implemented a backend system for managing and listing various gold investment schemes, accessible through an admin portal.
- Enabled the assignment of selected schemes to customers, displaying their chosen schemes in a personalized list.
- Developed user registration and login functionalities, ensuring secure access and personalized user experiences.
- Integrated Razorpay for secure and efficient payment processing, allowing customers to select and pay for schemes.
- Facilitated monthly payments through Razorpay, providing a smooth and consistent payment experience for customers managing their gold schemes.

INTERNSHIP

Suvidha Software Solutions | february 2021 - August 2021

Technologies : HTML, CSS, JavaScript, Bootstrap, MySQLi, Core PHP

- Completed a 6-months internship focused on HTML, CSS, JavaScript, Bootstrap, MySQLi, and Core PHP.
- Developed and maintained static websites, ensuring responsive design principles to enhance user experience across various devices.
- Created dynamic websites and software applications, integrating backend functionalities to deliver comprehensive solutions.
- Utilized MySQLi for efficient database management and Core PHP for server-side scripting and dynamic content generation.
- Collaborated with the development team to implement user-friendly features and improve the overall performance of web applications.
- Gained practical experience in full-stack development, strengthening both frontend and backend skills.

PERSONAL DETAILS

Phone	:	8519826744
Email	:	sricharitha1998@gmail.com
Date of birth	:	30-03-1998
Nationality	:	Indian
Marital Status	:	Single
Language	:	Telugu, English

DECLARATION

I would welcome the opportunity given by your organization with a promise to give the best for which I am ready to undergo any training as per the needs of the job.

Place: Khammam   **SREE CHARITHA.A**