AJAY KUMAR D R B
FULLSTACK DEVELOPER

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SUMMARY

Results-driven Full Stack (MERN) Developer with over 1 year of expertise in manual testing at Chella Software. Possesses a strong foundation in programming languages like Python and Java. Proficient in web development technologies such as Bootstrap, React and Node. Worked with databases, including MongoDB, SQL Server and MySQL. Familiar with testing tools such as Postman and JMeter.

WORK EXPERIENCE

Chella Software
Software Tester

Madurai, Tamil Nadu, India
July 2022 - September 2023

- *Conducted manual testing of over 5 Windows applications, meticulously identifying and tracking regression defects using Jira.*
- *Developed test cases for 4+ Change Requests (CR's) by analyzing Business Requirement Specifications (BRS) and application design, ensuring adherence to functional and design specifications for Windows applications.*
- *Identified, documented, reported software bugs and issues, enhancing overall system efficiency.*

Chegg India
Freelance Tutor

Remote (India)
February 2021 - March 2024

- *Completed a 85% success rate for questions completed for students in mathematics by utilizing a student-focused approach to tutoring to help them understand and excel in the topics.*
- *Scored 80% with Chegg CF score for overall questions solved and more than 85% positive reviews from student.*

EDUCATION

Bachelors of Engineering in Mechanical Engineering
K.L.N. College of Engineering
GPA: 8.66

Sivagangai, Tamil Nadu, India
August 2018 - April 2022

High School Certificate (10+2)
Velammal Vidyalaya
Percentage: 78%

Madurai, Tamil Nadu, India
July 2017 - June 2018

SKILLS

Programming Languages: Python, Java
Frontend: HTML, CSS, JavaScript, Bootstrap, React, Material UI
Backend: Node JS, Express JS, Flask
Database: MongoDB, MySQL, Microsoft SQL Server
Dev Tools: JMeter, Postman API, Jira

WEBSITES

Gold Rate Calculator Web Application   https://main--merry-valkyrie-d73b4e.netlify.app

Description:
Created a MERN stack web application featuring a gold rate calculator with user authentication using JWT. This project enables users to calculate the current value of gold based on real-time market rates securely. Key features include a user authentication system for secure access to the calculator, real-time gold rate updates via external APIs, and a responsive UI built with React.js for seamless cross-device usability. Data is stored securely in MongoDB, and JWT ensures authorized access to the calculator functionality. As the sole developer, I handled all aspects of the project from conception to deployment, resulting in a user-friendly application that provides accurate gold rate calculations in a secure environment.

Technologies Used:
- **Frontend:** React.js, HTML5, CSS3, JavaScript
- **Backend:** Node.js, Express.js
- **Database:** MongoDB
- **Authentication:** JWT (JSON Web Tokens)
- **API Integration:** External APIs for fetching real-time gold rates

Outcome:
Delivered a reliable and efficient gold rate calculator application with robust authentication features, meeting user needs for accurate gold value calculations while ensuring data security and user privacy.