Ajay Kumar D R B

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EDUCATION

K.L.N. COLLEGE OF ENGINEERING
B.E in Mechanical Engineering
April 2022 | Sivagangai, Tamil Nadu, India
GPA: 8.66 / 10

VELAMMAL VIDYALAYA
May 2018 | Madurai, Tamil Nadu, India

LINKS

Github: **github.com/AjayKumar-DRB**

LinkedIn: **linkedin.com/in/ajay-d-r-b-kumar**

LeetCode: **leetcode.com/u/AjayDRBKumar**

CERTIFICATES

MERN STACK
GUVI Zen - 2023

SQL
HackerRank - 2023

PYTHON3
SoloLearn - 2020

SKILLS

PROGRAMMING LANGUAGES
Python • Java

FRONT END
HTML • CSS • Bootstrap • JavaScript • React

BACK END
Node JS • Express JS • Flask

DATABASE
MongoDB • MySQL • Microsoft SQL Server

DEVTOOLS
JMeter • Postman API • Jira

EXPERIENCE

CHELLA SOFTWARE | Junior Software Tester
July 2022 – Sep 2023 | Madurai, Tamil Nadu, India
- Conducted comprehensive manual testing for over 5 Windows applications, meticulously identifying and tracking regression defects using Jira, ensuring product stability.
- Developed and executed detailed test cases for 4+ Change Requests (CRs) by analyzing Business Requirement Specifications (BRS) and application designs, ensuring compliance with functional and design specifications.
- Identified, documented, and reported software bugs and issues, collaborating with development teams to enhance overall system efficiency and reliability.

CHEGG INDIA | Freelance Subject Matter Expert
February 2021 – May 2024 | Remote (India)
- Achieved an 85% success rate in resolving mathematics questions for students, employing a student-centered approach to enhance understanding and performance in the subject.
- Maintained an 80% Chegg CF score for overall questions solved, receiving over 85% positive reviews from students for clarity and effectiveness in explanations.

PROJECTS

GOLD RATE CALCULATOR
merry-valkyrie-d73b4e.netlify.app
Developed a **MERN** stack web app featuring a gold rate calculator with **JWT-based user authentication**. Users securely calculate gold value based on real-time market rates. Key features include **React.js** for cross-device usability, real-time gold rate updates via APIs, and **MongoDB** for data storage. Solely managed all project phases, ensuring a user-friendly, secure application for accurate gold rate calculations.

TECH STACK
React • CSS • Bootstrap • Node/Express.JS • MongoDB • JWT

TODO LIST APP
regal-kitten-cf2a22.netlify.app
Developed a Todo List application to streamline task management and enhance productivity by managing **CRUD** operations. Designed an intuitive user interface with **React**, ensuring a seamless user experience with responsive design and real-time updates. Leveraged **CSS** and **Bootstrap** to create a visually appealing and mobile-friendly layout, allowing users to effortlessly add, edit, and delete tasks while keeping track of their progress.

TECH STACK
React • CSS • Bootstrap