KIRAN KUMAR MM

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SUMMARY

Accomplished QA Tester with extensive experience in developing trade and supply chain finance systems, achieving a 30% increase in transaction efficiency. Proficient in Python, SQL, and Agile methodologies, with demonstrated skills in API validation and software integrity assurance, delivering high-quality solutions through detailed testing and effective cross-functional collaboration.

EDUCATION

Bachelor of Science in Computer Science and Engineering, Dayananda Sagar Academy of Technology and Management   Jun 2024
CGPA: 8.2

Diploma in Computer Science, KLE Society's Polytechnic, Mahalingpur   Jun 2021
Percentage: 74.8%

SKILLS

Programming Languages	Python, C++, C, Java
Query Languages	SQL, NoSQL
Web Technologies	HTML, CSS, JavaScript, React.js, Angular, Vue.js
Developer Tools	VS Code, Git, Jupyter Notebook, Postman, Cypress, Selenium, phpMyAdmin
Frameworks/Libraries	npm, Bootstrap, NumPy, Pandas
Platforms	Windows, Linux, MacOS

EXPERIENCE

QA Tester   Jul 2024 - Present
Kyzer Software (I) Pvt. Ltd.   *Pune, India*

- Contributed to the development of a trade and supply chain finance system integrated with the Reserve Bank of India (RBI).
- Conducted manual and automated testing to ensure software quality across multiple environments.
- Identified and reported critical defects, ensuring high-quality software delivery through meticulous test case design.
- Performed database testing using SQL queries to validate data integrity and optimize performance.
- Validated RESTful APIs using Postman to ensure seamless integration and performance.
- Generated detailed reports on customer data, risk management, and Anti-Money Laundering (AML) alerts.

Full Stack Developer (Intern)   Aug 2023 - Nov 2023
Teachnook   *Remote*

- Engineered responsive web applications using HTML, CSS, JavaScript, React.js, and Angular.
- Optimized database management by implementing SQL (MySQL) and NoSQL (MongoDB), achieving a 20% increase in data retrieval speed.
- Developed reusable UI components, contributing to a 30% reduction in front-end development time.
- Collaborated with cross-functional teams in Agile environments, utilizing Git, GitHub, and GitLab.

PROJECTS

Decentralized Voting System. Developed a blockchain-based voting system ensuring transparency, security, and tamper-proof processes.

Vidhya Vihar Management System. Designed and implemented a student and staff management system for efficient data handling in educational institutions.

Library Management System. Created a digital library management system to streamline book tracking, cataloging, and inventory management.

Mobile Attendance System. Built an Android-based attendance tracking application with a user-friendly interface and real-time data processing.

Pizza Bill Generator. Developed a billing system using Core Java and Object-Oriented Programming principles for efficient transaction management.

Personal Portfolio Website. Designed and developed a portfolio website using HTML, CSS, and JavaScript to showcase technical skills and projects.

ACHIEVEMENTS

- Led and coordinated a diverse team for national-level sports competitions, securing top positions through enhanced communication and leadership, significantly improving team performance.
- Engaged in the Rural Development Program with Avisa Charitable Trust, resulting in a 30% increase in access to essential services for community residents.