SHERIN

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Education

Visvesvaraya Technological University(9.1 CGPA)	**Dec. 2022 – April 2026**
Bachelor of Engineering in Computer Science	*Mangalure, Karnataka*

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management

Experience

HomZa Cart India Private Limited	**March 2023 – Present**
Software Designer/Tester Intern	*Mangalure, Karnataka*

- Successfully designed the overall flow and user experience for multiple applications, ensuring seamless navigation and an intuitive interface.
- Developed and executed detailed manual test cases to thoroughly evaluate new features, ensuring all functionalities met business requirements and were free of bugs.
- Conducted extensive manual testing, identifying and documenting over 100 bugs and performance issues, leading to a 30% improvement in application stability and reduced crash rates for end users.
- Worked closely with developers, product managers, and designers to ensure a high-quality final product. Provided valuable feedback during the design and development phases, ensuring all functional requirements were tested and met from a usability perspective.
- Maintained a regression testing process to ensure new features didn't break existing functionality.

Projects

Students ERP Software | *HTML, CSS, JavaScript, MongoDB, NodeJs* **August 2024**

- Developed a Student ERP System to manage enrollment, grades, attendance, and schedules.
- Implemented Role-Based Access Control for secure user management (students, faculty, admin).
- Automated Attendance Tracking with real-time updates and report generation.
- Created Real-Time Grade Monitoring to track student progress and performance.

Home Service Provider Website | *React, NodeJs, MongoDB, JavaScript* **December 2024**

- Developed and optimized a home service provider marketplace, connecting service professionals with customers.
- Enhanced website design for better navigation, seamless booking, and efficient payment processing.
- Managed service provider onboarding, ensuring a reliable and diverse pool of professionals.

Technical Skills

Languages: Java, C, Python, JavaScript, HTML/CSS, SQL

Tools & Platforms: VS Code, Git, GitHub, Eclipse, Postman, GCP, AWS

Technologies & Frameworks: Linux, Node.js, React, Express.js, MySQL, MongoDB

Achievements

- Solved 175+ problems on DSA in CodeChef.
- Successfully completed a comprehensive course on Postman API, gaining proficiency in API testing, automation, and integration for efficient software development and quality assurance.
- Successfully completed a course on Analysis and Design of Algorithms in CodeChef.

Leadership / Extracurricular

- Served as Student People Leader for 1 year, providing guidance and support to peers, fostering a positive academic and social environment.
- Developed strong communication skills by facilitating discussions, resolving conflicts, and ensuring effective collaboration among team members.
- Organized and led multiple events to promote student engagement, teamwork, and community involvement, enhancing the overall student experience.