ARCHANA S

To work in a positive environment and grow with new skills and technologies.

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WORK EXPERIENCE:

Company: Cygnivo Technologies Private Limited
Role: Software Development Engineer (*Frontend Developer*)
Duration: August 2024 – Present

- ❖ Involved in development and testing of HRMS, SAAS, Helpdesk, Portal, Asset Management, and ERP applications.
- ❖ Contributed to feature implementation, unit testing, version upgrades, and application maintenance.
- ❖ Worked with TypeScript, HTML, and CSS for frontend development.
- ❖ Mainly used browser developer tools for debugging, verifying API requests/responses, and troubleshooting.
- ❖ Used Postman for API testing and validation to streamline the development process.
- ❖ Demonstrated work progress and debugging steps clearly to the team for better understanding and faster issue resolution.

Company: Tata Elxsi Limited, Bangalore
Role: Engineer (*Transportation Unit*)
Duration: September 2021 – March 2022(*6 Months*)

- ❖ Installation of UTS, Enterprise Architect Tool and CANTATA.
- ❖ Analyzing the function table provided in the document.
- ❖ Creating and generating functional flow of respective functions in Enterprise Architect Tool.
- ❖ Tracing each function in the source code and writing the test cases in excel for the respective function.
- ❖ Failure analysis of the written test cases is done using UTS and reasons for failure are recorded in excel.
- ❖ After writing over 3000 test cases of all the possible (positive and negative) cases, decision coverage, statement coverage and overall coverage of each function will be checked using CANTATA and noted.
- ❖ Started with 15–35% code coverage and improved it through continuous updates until reaching 98–100%, with proper documentation maintained throughout testing.

SKILLS:

Tools: Visual Studio Code, Eclipse, MySQL, Postman, UTS, Enterprise Architect, CANTATA, Notepad++
Languages: HTML, CSS, JavaScript, TypeScript
Testing: Unit Testing, Manual Testing

EDUCATION:

BGS Institute of Technology, Mandya, Karnataka,India
Bachelor of Engineering in Electronics and Communications
CGPA: 8.25 Graduation Date: July 2021

CERTIFICATION AND ACHIEVEMENT:

- ❖ 3-Month Internship Certificate – Cygnivo Technologies Private Limited
- ❖ JavaScript Essential Training – LinkedIn Learning
- ❖ Internship Certificate on Embedded with IoT – ELECSIS Company
- ❖ Certificate for Solid Foundational HTML, CSS, JavaScript Course
- ❖ Runner-up – HackInIt Competition (Project: Brake Failure Detection)

PROFESSIONAL ATTRIBUTES:

- ❖ Good communication,
- ❖ Strong attention to detail,
- ❖ Active and engaged team member
- ❖ Effective time management, and problem-solving skills.