Nayaab Ahmed N

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PROFESSIONAL EXPERIENCE

Cyient Limited

Software Developer May 2024 – present

- Conduct integration testing using LDRA to ensure software components meet functional and safety requirements.
- Perform Hardware-Software Integration (HSI) testing utilizing Eclipse RT and RT Tester to validate system behavior in real-time environments.
- Responsible for authoring and maintaining test documentation based on requirements traced through IBM DOORS.
- Ensure software is developed in alignment with defined functional and technical requirements.
- Perform thorough requirement-to-code traceability analysis to verify that each implemented feature meets the specified customer needs.
- Collaborate with cross-functional teams to ensure consistency, compliance, and high standards in code quality and testing processes.

Aeronautical Development Agency

Software Developer Dec 2022 – Feb 2024

- Actively involved in the development and maintenance of mission critical software solutions for embedded systems.
- Utilized pragma calls to establish seamless communication and integration between Ada and VxWorks, ensuring optimal performance and reliability.
- Employed Git for robust source control management, overseeing versioning and collaborative development for both application and VxWorks projects, this increased our productivity by 50%.
- Actively engaged in DevOps practices, focusing on automated builds and delivery pipelines to target environments, resulting in streamlined development processes and increased efficiency.
- Collaborated with cross-functional teams to analyze system requirements, troubleshoot issues, and optimize software performance.
- Conducted thorough unit testing and debugging activities, ensuring the reliability and stability of mission computer application.

- Used Python to help develop Descriptive change notice generation by directly using git diff file, this helped our team to keep a clean documentation setup hence increasing our productivity by 200%.

- Successfully made a basic interface to monitor Mission computer health status like temperature, uptime ... etc. using HTML, CSS, JavaScript and NodeJS using APIs provided by Mission computer.

Amazon Development Centre (India) Pvt. Ltd

PROCESS ASSOCIATE (SEMI-TECH) Dec 2019 – June 2021

- Provide proper product pricing to US customers using in-house tools.

- Analyze the price changes and suggest ways to keep pricing of products competent.

- Create dashboards using Matplotlib with the given CSV data.

- Submit new Ideas for the improvement of in-house tools.

Protocol Automation Technologies Pvt. Ltd.

SCADA DEVELOPER Dec 2018 – May 2019

- Design efficient SCADA designs using Movicon.

EDUCATION

Sai Vidya Institute of Technology, **Bengaluru**   **2014-2018**

Bachelor of Engineering, Electrical and Electronics Engineering– 6.67 %
Indiranagar Composite PU college, Bengaluru
 PCMB – 88.87%

TECHNICAL SKILLS

- **Programming Languages: C,** Python, JavaScript, HTML, CSS, Node.

- **Technologies/Frameworks:** Git, Node.js, Jenkins, TeamCity, Octopus Deploy, Sublime merge, Tortoise Git, RTOS.
- **Development Tools:** Anaconda and VSCode
- **Testing Tools:** HCL One Test Embedded studio, IBM RT-RT and LDRA.

ADDITIONAL INFORMATION

- **Languages:** English (Professional), Kannada, Hindi (Native)
- **Interests:** Badminton, Meditating.
- **Certification:** Full stack developer from GUVI.