NANDHISH THATHANUR RAJAPPA

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Address: BeethovenStraße 10, 39106, Magdeburg, Deutschland

SKILLS

Languages: English (C1)
Digital Skills: C++, Python, Qt, QML, Java, Bash Scripting, Agile-Scrum, Version Control System(Git), CI/CD, UML Diagrams, Visual Studio, Linux, Windows, Application Development, CMake, MS Office
Soft Skills: Effective Communication, Teamwork, Problem Solving, Adaptability

EDUCATION

Master of Science | *Digital Engineering*   October 2023 – Current
Otto-von-Guericke-Universität   Magdeburg, Deutschland

Bachelor of Technology | *Electronics and Communication Engineering*   May 2015 – April 2019
Vellore Institute of Technology (8.29 CGPA)   Chennai, India

WORK EXPERIENCE

Software Developer Engineer   November 2021 – September 2023
Siemens Technology and Services Private Limited   Bengaluru, India

- Led the development of the screen editor in the TIA Portal desktop app, overseeing feature implementation, bug fixes, and contributing to feature-level architecture design.
- Ensured seamless integration and delivery of projects, playing a key role in project execution.
- Provided mentorship to junior developers, maintaining high code quality and fostering teamwork.

Software Engineer   June 2019 – October 2021
L&T Technology Services   Mysuru, India

- Actively contributed to the end-to-end development of GUI for a Patient Monitoring device.
- Conducted thorough unit testing with Google's Test Framework and contributed to peer reviews, improving overall code quality.
- Ensured reliability through timely bug fixes and effectively communicated project progress in presentations.

PROJECTS

Totally Integrated Automation Portal | *C++, QT*   November 2021 – September 2023
Siemens Technology and Services Private Limited

- TIA Portal is a software suite catering to diverse factory automation requirements. Leveraged C++, Qt Framework, cmake, conan, and Visual Studio to develop the screen editor, facilitating the device configuration.

Patient Monitoring Device | *C++, Qt, QML*   August 2019 – October 2021
L&T Technology Services

- This project revolves around the development of a graphical user interface (GUI) tailored specifically for a patient monitoring device. It encompasses a range of essential features including ECG, SpO2, and BP monitoring. Utilized QML for the user interface and C++ for the backend, following the MVVM architecture.

Three Player Chess | *Java, HTML, CSS*   October 2023 - January 2024
Otto-von-Guericke-Universität

- Created a three-player chess game project from scratch during the "Clean Code Development" course. Designed the software architecture with a focus on clean coding principles and incorporated CI/CD processes for automated builds and thorough code quality assurance.