Brijesh Chaudhary

C++ Developer — Immediate Joiner

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Summary

C++ Software Engineer with 3 years 11 months of industry experience, including 3 years and 7 months at TCS and current experience at Panacea Medical Technologies Pvt. Ltd., working on medical device desktop applications. Strong expertise in designing, developing, and enhancing C++/Qt-based applications, with hands-on experience in object-oriented design, multithreading, memory management, and legacy code enhancement. Proficient in C++98/03/11/14 and experienced in building and maintaining performance-critical desktop software. Adept at translating complex business and product requirements into robust technical solutions, optimizing application performance, and collaborating with cross-functional teams to deliver reliable, production-grade software in regulated and quality-sensitive environments.

Experience

Software Engineer 09 Dec 2025 – Present

Panacea Medical Technologies Pvt. Ltd. *Malur, Karnataka, India*

Domain: Medical Device Software

Technologies: C++, Qt (Widgets), QMake, QML

- Developing and enhancing **C++ and Qt-based desktop applications** for medical device software used in production environments.
- Worked extensively on **bug fixing, feature enhancements, and refactoring** of large legacy codebases to improve stability and maintainability.
- Implemented **multithreaded components** to improve application responsiveness and performance in UI-intensive modules.
- Actively involved in **requirement understanding, root-cause analysis, and solution implementation** in collaboration with QA and cross-functional teams.
- Ensured adherence to **quality, reliability, and performance standards** expected in regulated medical software environments.

Developer 29 Dec 2021 – 01 Aug 2025

Tata Consultancy Services *Pune, India*

Client: Jaguar Land Rover

Technologies: C, C++, STL, Qt (Widgets), QMake, QML

- Spearheaded a crucial optimization initiative by implementing MDF4 technology in automotive desktop simulation tools. This innovation streamlined data recording processes, eliminating the need for multiple simulation runs for different raster rates. Now, a single simulation run efficiently captures data across various raster rates, enhancing productivity and reducing resource overhead.
- Specialized in C++ development within the automotive domain, designing and implementing high-performance desktop simulation tools.
- Converted complex automotive user requirements into scalable, efficient technical solutions, aligning with project goals and industry standards.
- Managed Git repositories, overseeing version control to ensure seamless team collaboration.
- Utilized multi-threading for concurrent component execution, significantly improving efficiency and performance of automotive simulations.
- Worked closely with cross-functional teams to deliver high-quality software solutions that met the evolving demands of the automotive industry.

Education

Institute of Engineering and Technology Lucknow, India

Master Of Computer Application *2018 - 2021*

Maharani Lal Kunwari PG College Balrampur, India

Bachelor Of Computer Application *2014 - 2017*

Certifications

Software Engineer
Issued by HackerRank, Earned on: 30 Oct, 2023

Technical Skills

Programming Languages: CPP 98/03/11/14/17, C, QT, QML, QMake, CMake, Python, .Net C#, SQL
Concepts: OOP, DBMS, STL, Multi-Threading, Data Structures, SDLC
Developer Tools:Jira, Visual Studio Code, QT Creator,Git, Github, TCP, IP
OS: Windows, Linux