

BALINENI ROHITH SAI

balinenirohithsai21@gmail.com | 9533408045

Objective

Experienced Software Engineer adept at multitasking with precision. Skilled in troubleshooting and debugging complex technical issues. Seeking a challenging full-time position to leverage interpersonal, time management, and problem-solving abilities.

Profile Summary

Result-driven, customer-focused software professional with around 3 years of experience, having intermediate-level expertise in C#, .NET framework, ASP.NET and the, along with solid skills in database analysis and design. Adept at understanding business requirements and contributing to effective technical solutions. A motivated team player with a decent technical background, committed to following best practices and consistently contributing to the delivery of quality projects.

Skills

- **Programming Languages:** C#, C++
- **Front End Language:** HTML, CSS, JavaScript, ASP.NET
- **Backend / Frameworks:** .NET, .NET Framework, MVC, Entity Framework
- **Database:** SQL
- **Version Control:** Git
- **IDE:** Visual Studio (2022, 2019, 2017)

Experience

TOTAL EXPERIENCE: 3 years

HCLTech, Chennai.

Duration: 13th Oct 2022 to till date

Designation: Software Engineer

Client: JnJ Vision

Platform: C#, C++, SQL Server

Project Details

- **Axcelis – Purion M Ion Implanter:** (February 2025 to April 2025)

The Purion M Ion Implanter by Axcelis Technologies is a high-precision semiconductor manufacturing tool used for ion implantation in advanced chip fabrication. It plays a critical role in modifying the electrical properties of semiconductor wafers by implanting dopants at precise energies and angles. Designed for high-volume production environments, the Purion M ensures accuracy,

repeatability, and contamination-free processing, making it a key component in cutting-edge semiconductor manufacturing lines.

Job Responsibilities:

I was involved in this project for a period of three months, where I worked as a junior developer. My main focus was on developing and updating user interface screens using C# in Visual Studio 2022, working with both the .NET Framework and .NET Core. This experience helped me understand real-time UI development in industrial control software. I collaborated with senior developers and gained practical exposure to software development processes used in semiconductor equipment projects.

- **iDesign OS Migration and Upgradation:** (April 2023 to January 2025)

Johnson & Johnson Vision's new iDESIGN Refractive Studio allows surgeons to measure the entire visual pathway and the cornea curvature to create an optical fingerprint unique to each patient's eye. Application was developed in Win 7 and executes only in VS 2003 with SQL server 2008. Project deals with OS migration with product upgradation to meet up cyber security policies.

Job Responsibilities:

Worked for application support in Visual Studio 2022 & 2019 with all relevant libraries' latest addition. Migrated SQL server to SQLite with SQLcipher for storing the clinical information in encrypted format. Included additional features like User Authentication screens, utility to port live clinical data in SQL server Database to SQLite encrypted Database for new OS upgraded device.

- Windows application with C# and C++ module intersection through IPC channel.
- SQLite Database to store clinical data
- Technology: C#, C++, SQL server

- **Employee Management System:** (November 2022 to March 2023)

The system handled end-to-end employee information including personal details, job roles, department assignments, attendance records, contact details and leave management. Implemented modules for employee registration, data updates, role-based access, and report generation. Worked on both frontend and backend components, ensuring proper database integration and user interface responsiveness.

Job Responsibilities:

Developed and maintained a web-based Employee Management System designed to streamline HR operations. Project developed using C# as Backend and WinForms as UI design.

- Designed and developed key modules using C#
- Implemented form validations, CRUD operations & role-based authentication

Academic Details

COURSE	INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	% OF MARKS
B.Tech (ECE)	Siddharth Institute of Engineering & Technology, Puttur	JNTUA	2022	88.9
XII (MPC)	Sri Surya Junior College, Nagari	State Board	2018	95.8
X	Sri Saraswathi Vignana Mandir, Nagari	State Board	2016	93

Declaration

I hereby declare that the details furnished above are true to the best of my knowledge and belief.

[ROHITH SAI B]