Mohammed Bilal K S

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SUMMARY

Software Engineer with 1.5+ years of hands-on experience, specializing in C++. Skilled in developing clean, efficient, and maintainable code. Proficient in C++, Python, C#, WPF, Django, MFC, and OpenGL, with a strong passion for choosing the right tools and technologies to solve problems effectively. Highly motivated to learn and adapt to new languages and frameworks as needed to deliver high-quality software solutions.

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, C#, Javascript, Java

Tools: Visual Studio, Visual Studio Code, PyCharm, Google Colab, Postman, Star UML

Frameworks: .NET, MFC, WPF, Django

Version Control: Git, Github, Gitlab, Azure DevOps Git repository

PROJECTS

Neuro Surgery Assist Application

- Designed and developed responsive WPF based UI components using C#
- Translated python based detection algorithm to c++ for seamless integration to the UI
- Performed continues bug fixes and feature enhancements

DICOM Viewer

- Designed and built the application layout and secure login interface using WPF and C#, ensuring a clean and user-friendly UI
- Assisted in developing Software Requirement Specification (SRS) and Software Design Specification (SDS) documents
- Improved user experience by creating a clean and responsive interface
- Ensured UI consistency by following MVVM architecture and reusable control patterns

EXPERIENCE

Software Engineer   June 2024 – Present
Trenser Technology Solutions   *Trivandrum*
- Contributed to full software development life-cycle activities across multiple health care domain projects
- Contributed in UI development using C# and WPF for different medical image viewers
- Collaborated with cross-functional teams to integrate between UI and back-end

EDUCATION

SH Thevara College
Bachelor of Computer Application   *2022 – Present*

GPTC Cherthala
Diploma In Computer Engineering   *2021 – 2024*