# Houshic B

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## Profile Summary

A dedicated Software Developer with proven expertise in .NET Core, focused on building scalable and efficient applications. Specializes in designing RESTful APIs, implementing MS SQL Server database solutions, and managing Azure cloud infrastructure. Brings extensive experience in DevOps practices and Azure DevOps for optimizing CI/CD pipelines. Demonstrates consistent delivery of high-quality solutions through Agile methodologies and modern development practices, ensuring both technical excellence and business value.

## Technical Skills

- C#
- .NET Core
- MS SQL Server
- JavaScript
- Microsoft Azure
- Java
- HTML
- CSS
- Git / GitHub

## Experience

**Capgemini – Analyst A4** **September 2024 – December 2024**

- Developed and maintained enterprise applications using .NET technologies and C#, ensuring high performance and scalability
- Collaborated with teams in an Agile environment, participating in daily stand-ups and sprint planning
- Implemented and optimized RESTful APIs using .NET Core for seamless system integration
- Created efficient database solutions using MS SQL Server for improved data management and reporting
- Deployed and managed applications on Azure cloud services, maintaining optimal performance standards

## Projects

**Traffic Vehicle and Object Detection |Python, Flask, Computer Vision, Web Technologies | GitHub Repository** **February 2023**

- Implemented real-time object and vehicle detection system using YOLO algorithm
- Developed an interactive interface for efficient traffic movement monitoring
- Utilized modern object detection techniques achieving high accuracy in vehicle identification
- Optimized system performance for real-time processing of video feeds

**Quantum CNN : A Facial Recognition Model /Python, CNN, QCNN, QISKIT / GitHub Repository** **December 2023**

- Implemented how quantum mechanics can improve machine learning performance.
- Combine classical and quantum layers to effectively process facial images.
- Achieved higher accuracy in face detection and classification using quantum processing

## Education

**Sri Ramakrishna Engineering College (CGPA: 7.84)** **May 2024**

*B.E Computer Science Engineering* *Coimbatore*

## Extracurricular / Certifications

- Second Runner of the BOSCH KIT Hackathon conducted by Bosch Global Software Technologies
- Published IEEE research paper named “Artify — An Artistic NFT Marketplace” in 2024 IEEE Students Conference on Engineering and Systems (SCES) - Research Paper

## Certifications

- Microsoft Certified: Azure AI Fundamentals – View Credentials
- Blockchain Foundation Program – Kerala Blockchain Academy
- Java Language Features – Infosys Springboard