RAHUL R

rahulraghuk@gmail.com • +91-8301947884 • GitHub • Bangalore

EXPERIENCE

Software Engineer, GE HealthCare   Mar 2023 — Present

Enterprise Archive - A clinical image archiving web application

- Spearheaded the development of a WPF (Windows Presentation Foundation) Application with MVVM Architecture as a Monitoring and Analytics tool covering 80-90% system workflows.
- Equipped the WPF tool with technologies like SQLite for data management and LiveChart for data visualization.
- Assisted the QSE team in enhancing automated testing using MSTest.
- Integrated auto upgrade methods, resulting in an 80% efficiency boost, and reducing the necessity for future template creations and storage.
- Solution level integration of the product with seamless data transfer between products using AWS services like AWS EventBridge and lambda.

Technologies: .Net Core, WPF, ASP.Net, .Net Framework, Angular, TypeScript, MSSQL, SQLite, HTML, CSS, AWS, Entity Framework, Git, Rest API, RabbitMQ

Software Engineer Specialist, GE HealthCare   Nov 2021 — Mar 2023

- Continuously update expertise in SQL, .NET framework, C# programming, and .NET web application development, while staying well-versed in core product functionality, usability, and features through ongoing research.
- Delivered specialized technical support by proficiently debugging crash dumps along with advanced tools like WinDbg and employing various diagnostic methodologies to ensure swift and effective issue resolutions with a 100% accuracy, enhancing system performance and customer satisfaction.
- Swiftly acquired proficiency in product technologies such as ASP.NET, SQL, stored procedures and Angular, demonstrating a rapid learning curve.
- Possess a foundational understanding of message broker software like RabbitMQ in a short span of 3 months.
- Implemented solutions for complex business challenges, resulting in a 95% reduction in manual by scripts to install product at the customer site silently, drastically reducing the install time by more than 60%.

Technologies: .Net core, WCF, .Net Framework, Perforce, ASP.Net, Angular, MSSQL, .Net, WinDbg, Crash Dump Analysis, Powershell

EDUCATION

NSS College Of Engineering, Bachelor of Technology   2017 — 2021

- Electronics and Communication Engineering
- 8.36/10
- Department student body Secretary

PROJECTS

Remote Patient Diagnosis and disease prediction using Machine Learning

- Introduced a remote patient monitoring and disease prediction system with 90% accuracy utilizing various trending technologies like IoT and machine learning algorithm (decision tree classifier) in sync with platforms like Think Speak and Telegram bots.

Gesture Controlled Video player

- Charted and implemented a gesture-controlled video player, reducing manual intervention by 80% through pre-defined hand gestures, and integrated Arduino microcontroller for hand gesture detection using Python 3.0 libraries like PyAutoGUI.

Lava Design in India Contest

- Innovated a multi-functional mobile switch designed for the "LAVA design in India contest 2020" conducted by LAVA International Ltd

Reboot Kerala Hackathon

- Introduced a "Water pollution at source detection" project for Reboot Kerala Hackathon 2020 with in house- built sensors and monitoring.

SKILLS

- Technical: .Net, .Net Core, ASP.Net, .Net Framework, C#, Angular, HTML, CSS, styled-components, Python, Entity Framework, SQL, C++, TypeScript, Javascript, Powershell, MSTest, Test Automation, Debugging, Agile development
- Tools: Git, Perforce, Visual Studio, AWS, WinDbg, IIS

ACHIEVEMENTS

Impact Award winner   **2024**

- Received 7 Impact Awards for contributing to the Enterprise Archive Product and recognition from customer

Winners of Design in India challenge by LAVA INTERNATIONAL   **2021**

- bagging the first place from 1200+ teams Click here

Reboot Kerala Hackathon 2020   **2020**

- Finalists of Reboot Kerala Hackathon 2020 conducted by ASAP (Additional Skill Acquisition Programme) among 150 participants.