Yasas Harshana

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Skills

DevOps Tools: Git, GitHub Actions, Docker, Azure, AWS, OCI
Infrastructure & Monitoring & Reliability: Basic experience with system uptime troubleshooting, remote diagnostics, Network setup, log-based analysis
Programming: C#, JavaScript, Java, Python, SQL, Bash
Frameworks: .NET, Spring Boot, WinForms, Java Swing
Databases: SQL Server, MySQL, Oracle
Operating Systems: Windows Server, Linux

Experience

Junior Software Developer, eHealthcare Solutions Pvt Ltd – Colombo 07   Apr 2024 – July 2025
- Led **production deployments** and LIS **system rollouts** across healthcare environments, ensuring stable integration with analyzers and clinical equipment.
- Delivered **incident resolution** and **on-call support** for live systems at hospitals including Kings Hospital, Army Hospital and government hospitals, minimizing downtime and improving healthcare response time.
- Enhanced system observability through **logs and error-handling improvements** in admin and lab configuration modules.
- Improved **alerting workflows** with SMS gateway integration, increasing reliability of patient notifications.
- Collaborated with the team to **implement CERT-compliant** configurations, strengthening data security and system uptime.
- Developed an automated **email-based SMS summary** application to improve visibility into patient communication status, enabling stakeholders to proactively **detect failures in message delivery**.

Industrial Trainee (Software Developer), eHealthcare Solutions Pvt Ltd – Colombo 07   Oct 2023 – Apr 2024
- Provided **24/7 operational support** for hospitals, quickly diagnosing software-hardware integration issues in live environments.
- Built **BI dashboards and analytics modules** to surface operational insights and inform proactive reliability improvements.
- Enhanced **reporting systems** and **optimized data queries** for speed and resilience under real-time healthcare demands.
- Supported **production monitoring**, investigated anomalies, and applied **performance fixes**, contributing to SLO-aligned service levels.

Projects

QBUBBLE
- Q&A forum hosted on AWS, customized and managed using Flarum open-source software.
- Role: AWS infrastructure management, uptime maintenance, custom PHP module deployment.

THIRASARA   github.com/yasasgit/thirasara
- Crop prediction tool using Accord.NET for algorithmic forecasting.
- Role: Backend and data pipeline development, SQL database optimization for performance.

PHOENIX AIRLINES   github.com/yasasgit/dea-phoenix
- Airline booking platform with robust backend and admin control panels.
- Role: Built resilient, scalable backend (J2EE + SQL), implemented MVC design.

Education

NSBM Green University – BSc in Computer Science | GPA: 3.66/4   Dec 2024