

HERCULE KAVIARASAN. C

Azure DevOps Engineer

Professional Summary

Highly motivated **Azure DevOps Engineer** with over **3+ years** of hands-on experience in cloud infrastructure management, CI/CD pipeline automation, and supporting enterprise-grade applications on **Azure**. Adept at collaborating with cross-functional teams to streamline build-release processes, ensure high availability, and manage remote deployments. Strong understanding of **DevOps best practices**, with a track record of implementing scalable, secure, and maintainable cloud environments.

Core Skills

- **Cloud Platforms:** Azure (App Services, Blob Storage, Virtual Machines, Azure Pipelines)
 - **DevOps Tools:** Azure DevOps, GitLab CI/CD, Git, YAML Pipelines
 - **Scripting/Automation:** PowerShell (basic), Bash (basic), REST API
 - **Database:** Microsoft SQL Server (MSSQL)
 - **Operating Systems:** Windows
 - **Collaboration Tools:** Skype, Slack, Jira, Confluence
 - **Practices:** Agile, Scrum, Version Control, Infrastructure as Code (IaC - Basic)
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Professional Experience

Azure DevOps Engineer

Company Name: Datatech Genius

Duration: May 2022– Present

Responsibilities:

- Designed and maintained CI/CD pipelines for multiple applications using **Azure DevOps** and **GitLab CI/CD**.
 - Automated **build and release processes**, reducing deployment time by over 40%.
 - Deployed and configured **Azure App Services**, **Virtual Machines**, and **Blob Storage** for web and data applications.
 - Coordinated with development, QA, and product teams to ensure smooth code integration and deployment.
 - Built scripts to automate audit trail logging, error alerts, and uptime monitoring.
 - Handled versioning, rollback strategy, and infrastructure documentation for compliance and disaster recovery.
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Key Projects

1. RPM – Remote Patient Monitoring Platform

Client: Healthcare Provider

Technologies: Azure App Services, Azure Blob Storage, MSSQL, REST API, GitLab, PowerShell

Role: Azure DevOps Engineer

Description:

RPM is a real-time healthcare monitoring system that allows clinical staff to monitor patient vitals synced via Bluetooth devices. It includes features for **video calling**, **chat**, and **voice communication**, and generates audit logs for **CPT billing code** compliance.

Key Contributions:

- Managed deployment of the **backend API** and **web application** onto Azure App Services with zero-downtime strategies.
- Set up **CI/CD pipelines** in Azure DevOps, automating code integration and artifact release workflows.

- Implemented data serialization pipelines to normalize diverse vital sign structures for centralized storage and querying.
 - Ensured **HIPAA-compliant logging** and encryption for sensitive patient data.
 - Configured **Blob Storage** for storing session recordings and attachments related to patient communications.
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2. GENIE MD – Remote Health Dashboard

Technologies: Angular, .NET Core, MSSQL, Azure, GitLab

Role: Full Stack DevOps Support Engineer

Description:

An advanced telehealth platform supporting **patient engagement**, **vital monitoring**, and **compliance analytics**. Used by clinical staff to manage appointments, review health metrics, and interact with patients.

Key Contributions:

- Built and managed **automated build and release pipelines** for Angular and .NET components via GitLab CI.
 - Integrated API security and automated audit logging for real-time monitoring.
 - Supported deployment of new features to staging and production environments with rollback and alert mechanisms.
 - Collaborated with developers to deploy REST APIs and ensure uptime and scalability using Azure monitoring tools.
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3. Rapid Lane – Smart Parking & Valet Service App

Technologies: Azure App Services, GitLab, MSSQL

Role: Azure Deployment Engineer

Description:

A valet parking app allowing users to book, enter, and exit parking zones with minimal human interaction. Designed for a seamless user experience and operational efficiency.

Key Contributions:

- Deployed and maintained backend systems on **Azure App Services**, enabling real-time booking and parking operations.
 - Built automation tasks for **log collection**, **system alerts**, and **downtime recovery**.
 - Handled security updates and environment variable configurations per release cycle.
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4. Driver App – Delivery Order Fulfillment System

Technologies: GitLab CI/CD, Azure, REST API

Role: Support & Automation Engineer

Description:

A mobile-first order management app designed for drivers to manage pickups and deliveries. Supports **real-time updates**, **order tracking**, and **driver status logging**.

Key Contributions:

- Built CI pipelines for deploying and monitoring backend services.
- Integrated crash reporting and real-time notification systems for logistics team monitoring.
- Helped stabilize high-volume data sync between driver app and main server via REST API tuning.