ANDREW GOTORA

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SUMMARY:

Highly skilled DevOps Engineer adept at designing **secure, responsive solutions** using modern technologies like Docker, Kubernetes, and .NET Core. Passionate about engineering **clean, scalable, and robust code** foundations that support complex API-driven governance frameworks. Focused on providing **massive value addition to the business** through the implementation of reliable CI/CD pipelines and infrastructure automation, ensuring seamless application deployment and superior system reliability.

SKILLS HIGHLIGHT:

- **Cloud Platform and Services:** Azure (Functions, App Services, Automation, Logic Apps, Key Vault, Monitor, Virtual Networks), Microsoft Entra ID (Azure AD), Microsoft Graph API, Power Platform.
- **Containerization and Microservices:** Docker, Docker Compose, Kubernetes, Portainer, Microservices Architecture, Container Networking, Image Optimization, Service-to-Service Communication.
- **Infrastructure as Code (IaC):** Terraform, Azure Bicep, ARM Templates, CI/CD Automation.
- **DevOps, CI/CD and Version Control:** Azure DevOps (Pipelines, Boards, Repos), GitHub Actions, Git, Gitlab CI/CD, Release Management, Deployment Automation, Jenkins.
- **Programming and Scripting:** C#, Python, Azure CLI, PowerShell, JavaScript, T-SQL, SQL.
- **API Design and Integration:** REST, OData**,** OpenAPI/Swagger, AsyncAPI, Web API, Postman, FastAPI, Kafka, Azure (API Management, Monitor, Cloud Connector), OAuth 2.0.
- **Monitoring, Logging and Reliability:** Azure Monitor, Log Analytics, Application Insights, Alerting, Performance Optimization, Troubleshooting, Root Cause Analysis
- **Security and Governance:** Role-Based Access Control (RBAC), Managed Identities, Secrets Management, Governance Automation, Policy-Driven Access, Secure API Design.
- **Methodologies:** Agile (Scrum, Kanban), Test-Driven Development (TDD), Domain-Driven Design (DDD), S.O.L.I.D. Principles, Test Automation.

WORK EXPERIENCE:

DevOps Engineer
BASF Services Europe GmbH | Berlin, Germany *Nov 2022 – Present*

- Implement and manage **CI/CD pipelines** using **Azure DevOps** for application deployments, directly enhancing deployment efficiency and reliability across the department.
- Develop robust code and performed thorough testing and deployment of applications to ensure high-quality delivery.
- Collaborate with the Tax, Legal, and Compliance department to develop and maintain applications leveraging **C#** and JavaScript, employing Agile Scrum methodology for efficient project delivery.
- Play a key role in troubleshooting and error correction, ensuring the **security, scalability, and reliability** of deployed applications within the Azure ecosystem.

Software Developer

Boehringer Ingelheim GmbH | Ingelheim, Germany *Jan 2022 – Nov 2022*

- Design, develop and test APIs and .NET applications using C# and Azure.
- Establishment of CI/CD pipelines.

IoT Solution Architect and Developer

Product One | Johannesburg, South Africa *Jan 2021 – Dec 2021*

- Established an efficient **DevOps process** that enabled seamless and frequent software updates for innovative IoT solutions leveraging **AWS and Azure**.
- Engineered **.NET** and C++ Edge SDKs for diverse edge devices, enhancing connectivity and performance, demonstrating strong proficiency in **C#** development.
- Conducted in-depth analysis of problem statements and business use cases, collaborating with cross-functional teams to design and develop innovative IoT solutions.
- Provided comprehensive platform support and client training to ensure user adoption and satisfaction.

Software Product Engineer

Hensoldt South Africa | Cape Town, South Africa *Jan 2020 – Dec 2020*

- Spearheaded a **CI/CD pipeline implementation**, significantly enhancing deployment efficiency and streamlining processes.
- Conducted in-depth investigation, design, and development of scalable **.NET** applications for advanced spectrum monitoring and analysis, showcasing expertise in **C#**.
- Produced comprehensive documentation for software designs, features, and product functionalities.
- Collaborated effectively with cross-functional IT teams to innovate and develop intelligent software solutions.

Software Developer

Thyssenkrupp Industrial Solutions | Johannesburg, South Africa *Jan 2015 – Dec 2019*

- Developed desktop and web-based applications utilizing **C#** (ASP.NET) and **Python** (Django and Flask), resulting in a **40% reduction in study costs** and streamlining feasibility studies.
- Architected dynamic web applications using **C#** (ASP.NET), JavaScript (jQuery), HTML5/CSS, **Kubernetes**, and **Docker**.
- Led the creation of a robust desktop application utilizing WinForms and WPF in **C#**, implementing MVVM architecture.

EDUCATION AND CERTIFICATIONS:

Bachelor of Electronic and Electrical Engineering Science, University of Johannesburg | 2015

Relevant Courses & Certifications:

- Azure IoT Solutions Architect (PTC Academy, Jan 2021)
- Software Processes and Agile Practices (University of Alberta, Jan 2019)
- Data Processing with **Python** (Nanjin University, Jan 2019)
- Software Development Life Cycle (University of Minnesota, Jan 2019)