

Bradley Malgas

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SUMMARY

Senior Software Developer with 5 years of experience building scalable cloud-native solutions, specializing in C# application development, Azure infrastructure, and secure system design. Proven ability to lead projects end-to-end, from architecture and infrastructure provisioning to backend API development and deployment automation. Skilled in Azure Bicep, DevOps pipelines, containerization, and identity management with Microsoft Entra ID. Adept at troubleshooting and optimizing distributed systems, enabling cost savings, faster deployments, and improved reliability. Passionate about leveraging technology to solve complex challenges and driving measurable business value for clients.

EXPERIENCE

Senior Software Developer

Secret Sauce

April 2025 - Current

- Designed and implemented Azure infrastructure, CI/CD pipelines, container apps, networking, and custom domains for Investec's Product Enablement Platform.
- Developed secure backend-for-frontend services with Entra ID/JWT authentication, role-based access, and system monitoring via Log Analytics.

Specialist: Software Developer & Signing Technical Pre-Sales

Altron Security

April 2024 - March 2025

- Guided over 10 clients in implementing API-based solutions for automated document workflows, improving their integration time by 40% on average.
- Collaborated with UK-based product teams, enhancing SaaS document workflow and signing solutions. Enabled 20% faster issue resolution through effective cross-border coordination.

Software Developer

Investec

January 2021 - March 2024

- Mastered Azure DevOps for daily operations, ensuring a seamless development workflow and improving team efficiency by 30%.
- Configured and deployed resources in Azure using infrastructure-as-code, reducing deployment time by 50% and minimizing manual errors.
- Developed backend API endpoints in C# to enhance application functionality, leading to a 20% increase in system performance.

PROJECTS

Product Enablement Platform

Investec

April 2025 - Current

Led the design and delivery of a platform enabling specific banking products for individuals. Owned the end-to-end technical delivery, including infrastructure, pipelines, networking, containerization, and authentication setup. Ensured the solution was secure, scalable, and operationally robust, and established reusable deployment patterns to streamline future projects.

Forex Operations Replacement Full Stack Application

Investec

June 2021 - January 2023

Developed a full-stack application to modernize forex operations. Designed C# backend APIs to improve transaction handling time by 40% and built reusable Angular frontend modules, reducing future development time by 20%. Enhanced user management with a Microsoft Graph integration, increasing data retrieval speed by 50%.

EDUCATION

Microsoft Certified - Azure Data Fundamentals | Security, Compliance, and Identity Fundamentals | Azure AI Fundamentals | Azure Fundamentals

Microsoft

Computer Science Honours

University of Cape Town

SKILLS

- Microsoft Azure
- Angular & Typescript
- C# / .NET Core
- REST APIs
- Infrastructure as Code (Bicep)
- Containerization (Docker, Podman)