BENEDICT DE ALMEIDA MZIZI

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Portfolio: benedictmzizi.github.io/OnlineResume

PROFESSIONAL SUMMARY

Versatile and results-driven with a strong multidisciplinary foundation across IT support, user access management, system administration tasks, data integrity, software testing, cloud computing, DevOps practices, automation, and full-stack development. Experienced in delivering end-to-end technical solutions including application development, functional and API testing, workflow automation, cloud deployments, and end-user support. Demonstrates solid knowledge of networking, Windows environments, cybersecurity fundamentals, UAT, and enterprise system implementation. through hands-on project and practical work. A proactive problem-solver well suited to modern hybrid IT environments.

CORE TECHNICAL SKILLS

- **IT Support & Systems:** Windows 10/11, Microsoft 365, device setup & imaging, hardware troubleshooting, LAN/WAN/Wi-Fi, DHCP, DNS, firewall basics, IT Hardware Support (PC assembly, peripherals)**,** User account creation and access management across applications and cloud platforms, Role-based access control and user lifecycle support, Google Sheets (data validation, reporting), IAM concepts
- **Cloud & DevOps:** AWS (EC2, S3, RDS, IAM), Linux server administration, Nginx, SSL/TLS, CI/CD pipelines (GitHub Actions), Docker (fundamentals)
- **Software Testing & QA:** Functional, UI, regression, and API testing (Postman), test case creation, defect tracking, UAT support
- **Software Development:** JavaScript (ES6+), Python, SQL, HTML5, CSS3, React, Node.js, Express.js, RESTful API design
- **Automation & Systems Implementation:** Google Apps Script, Zapier, Mailjet, API integrations, webhooks, workflow automation
- **Frameworks & Architecture:** ASP.NET MVC, MVC Core concepts, Entity Framework, Django, Modular / monolithic architectures, Secure coding (OWASP)
- **Tools & Platforms:** Git & GitHub, GitHub Actions, Postman, Nginx, PM2, Docker (fundamentals), AWS Console & CLI, Linux CLI, Visual Studio, VS Code, Jira, Trello

FRAMEWORKS USED IN PROJECTS

- ASP.NET MVC / MVC Core concepts – Clinic Documentation Digitization
- React (Hooks, Context API) – JungleShop, Flag Explorer App, Team Registration App, Online Resume Website
- Node.js & Express.js – JungleShop, Flag Explorer App
- Supabase (PostgreSQL BaaS & Auth) – Team Registration App
- Google Apps Script & Zapier – Registration Automation
- CI/CD (GitHub Actions) – JungleShop, Flag Explorer App, Online Resume Website

PROJECTS

JungleShop – Full-Stack E-Commerce Platform

Tech: React, Node.js, Express.js, MySQL (AWS RDS), AWS EC2/S3, Stripe, Nginx, PM2, GitHub Actions

- Designed and deployed a scalable three-tier e-commerce platform with secure admin functionality
- Built a responsive React frontend with product browsing, cart, and checkout features and Developed secure backend APIs with JWT authentication and role-based access control
- Integrated Stripe payments and MySQL database hosted on AWS RDS
- Implemented CI/CD pipelines and deployed to AWS EC2 with Nginx, PM2, and SSL

- Implemented **user authentication and account management** for customers and administrators
- Configured **access permissions** for admin functions (product management, order handling)
- Deployed and managed application infrastructure on AWS (EC2, S3, RDS)
- Applied **basic security controls** including IAM users and permission scoping
- Monitored system availability and resolved deployment/configuration issues

Team Registration & Automation Systems

Tech: React, Supabase, Google Apps Script, Zapier

- Developed a registration platform with admin approval workflows and authentication
- Configured Supabase database and access control rules
- Automated registration and email notification workflows using APIs and webhooks

- Designed and implemented **user account creation and role-based access control** (administrator vs member)
- Managed **user lifecycle processes**, including registration, approval, rejection, and access restriction
- Maintained **data integrity and validation** for user-submitted information
- Provided administrative functionality via an internal dashboard for managing users
- Troubleshot user access and registration issues during development and testing
- Supported deployment and ongoing system availability

Flag Explorer App – REST API Integration Project

Tech: React, Node.js, Express.js, Vercel, Render, GitHub Actions

- Built a full-stack application consuming external REST APIs to display dynamic country data
- Implemented automated deployments with GitHub Actions
- Performed API testing, error handling validation, and data accuracy checks

Online Resume Website

Tech: HTML, CSS, JavaScript, GitHub Pages, GitHub Actions

- Designed and developed a responsive single-page online resume website
- Implemented accessibility best practices and responsive design
- Automated deployment using GitHub Actions and hosted via GitHub Pages

PROFESSIONAL EXPERIENCE

DevOps, Cloud Automation & Systems Implementation (Freelance and personal Projects) | 2022 – Present

- Automated manual workflows using Google Apps Script and Zapier, reducing processing time and errors
- Designed, built, tested, and deployed full-stack web applications using AWS cloud infrastructure
- Developed and hosted RESTful APIs on AWS, Render, and Vercel
- Implemented CI/CD pipelines to automate builds and deployments
- Conducted functional and API testing and supported post-deployment troubleshooting

IT Support Technician & Installer (Freelance and personal Projects) | 2021 – Present

- Provided first-line IT support through hands-on project and practical experience, assisting with user access, system usage, and basic troubleshooting
- PC assembly, OS installation, driver configuration, and basic hardware diagnostics and installations, Troubleshot hardware, software, and connectivity issues
- Supported peripherals such as monitors, printers, and basic network devices
- CCTV and PA Systems Installations

EDUCATION

Bachelor of Science in Information Technology – North-West University (Completed)
Matric – Springs Boys' High School (Completed)

CERTIFICATIONS

- AWS Cloud Practitioner Essentials – Coursera
- AWS Cloud Technical Essentials – Coursera
- Introduction to DevOps – IBM
- Python Essentials 1 & 2 – Cisco Networking Academy
- Introduction to Cybersecurity – Cisco Networking Academy