

# Riaan la Grange

Junior DevOps Engineer  
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## SUMMARY

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Junior DevOps Engineer with hands-on experience in Linux, Docker, networking, servers, and cloud platforms. Skilled in programming and scripting, database management, domain/DNS configuration, and hosting applications using CI/CD pipelines and Git. Experienced in taking projects from development to production, including Dockerized deployments on AWS EC2 with S3 integration. Fast learner with a passion for understanding and optimizing systems, able to work both autonomously and collaboratively with teams and clients.

## TECHNICAL SKILLS

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- **Programming & Scripting:** JavaScript, TypeScript, Bash, Python, Java, PHP
- **DevOps / Cloud:** Linux, Git, Docker, CI/CD pipelines, AWS basics (EC2 & S3), Azure (AZ-900 / AZ-104 / AZ-500), domain & DNS configuration
- **Networking & Systems:** Servers, switches, routers, Active Directory, network troubleshooting
- **Web & Mobile Dev:** React, Node.js, HTML, CSS, Tailwind CSS, mobile app development with Kotlin & Flutter, hosting & deployment

## WORK EXPERIENCE

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### Technical Support Consultant | Cape PC Services | 2022 – 2023

- Configured and maintained servers, switches, routers, and other network infrastructure both on-site and remotely
- Troubleshoot complex network problems and resolved misconfigurations and loops
- Used Linux, SSH, and cloud platforms (Azure) to manage and troubleshoot servers and network devices
- Collaborated directly with clients to assess issues and implement practical technical solutions

## EDUCATION

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### STADIO Higher Education - Bellville Campus, Cape Town

### Bachelor of Information Technology in Web Development (BITWEB) | 2023 - 2025

- **Focus:** Web & mobile application development, databases, server hosting, programming fundamentals

## Microsoft Azure & 365 Certification Program | 2021

- **Focus:** Cloud administration, Microsoft 365, networking and server management
- **Certifications:** AZ-900, AZ-104, AZ-500, MS-900, MS-500

## Higher Certificate in Internetwork Systems Specialization (HCIT) | 2020

- **Focus:** Networking, Linux administration, router & switch configuration, wireless networking, server hardware

## PERSONAL PROJECTS

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### Reddit-Style Blog

Built a full-stack blog with Node.js/Express, Prisma backend, and React + Vite + Tailwind CSS frontend Deployed using Docker Compose (API, DB, client containers) on an AWS EC2 instance Configured domain DNS (A record), S3 for image uploads, and automated deployment via GitHub Actions Integrated Nginx for serving frontend and Sentry for crash tracking

### Project Task Tracker

Built a task management app with Next.js, Tailwind CSS, and Shadcn UI Features include creating projects, tasks with priorities, updating, and deleting entries Hosted on Vercel with custom subdomain and Sentry for crash tracking

### Karate NPO Mobile App

Developed a mobile app for a non-profit karate organization published on Google Play Features include video uploads for students, belt assignment, real-time messaging with notifications, and role-based authentication for students and instructors Full-stack mobile app built with backend authentication and real-time features using Flutter

## CERTIFICATIONS

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- Microsoft certificates (Azure, Windows Server, Active Directory, 2021) - STADIO certified
- Fundamentals of digital marketing - Google
- Java Programming I & II - University of Helsinki MOOC
- Various short courses - Udemy

## LANGUAGES

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- Afrikaans - Native
- English - Professional working proficiency