

# Adrian Gerodias

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## EXPERIENCE

### Deloitte

Site Reliability & DevOps Engineer

London, UK

Dec 2021 - July 2023

- Applied Agile Principles (e.g. QA agile testing, software testing, scrum, sprints, etc.) to deploy applications for clients.
- Created alerts within infra & application code using Splunk, New Relic and DataDog.
- Diagnosed and resolved issues related to Docker containers, networking, and storage, providing timely support to development & operations teams.
- Created and maintained technical documentation, guidelines, and standard operating procedures to ensure knowledge sharing and facilitate smooth operations groups.

#### Key Projects:

- Created automated processes for deploying AWS resources via IaC Terraform across regions, with ACM in mind. Implemented this automation within Jenkins pipelines using Python and Java. This initiative led to a significant reduction in workload, transforming a previously time-consuming task from 2 months to just 1 day.

### Greenstone Data Solutions Ltd.

Production Programmer

Kings Hill, UK

Oct 2019 – Mar 2020

- Leveraged awareness of SRE principles to establish and maintain Service Level Objectives (SLOs) and Service Level Indicators (SLIs), effectively managing error budgets and ensuring system reliability.
- Collaborated with cross-functional teams, including developers, operations, and stakeholders, to align goals, share insights, and drive continuous improvement.
- Collected, cleaned, and analysed large datasets to identify trends, patterns, and insights to clients.
- Created scripts to automate database processes using BASH, Python, SAS and SQL queries.
- Migrated source code management from local/visualised file storage to GitHub.

### Katalyze Data

Data Analyst

Witney, UK

July 2019 – Oct 2019

- Implement SAS-based automation solutions for tasks such as data validation and model deployment.
- Implement database automation processes to streamline deployment and maintenance tasks.
- Develop Python scripts for automating deployment, configuration management, and monitoring tasks.
- Design and optimize SQL queries and scripts for efficient data retrieval and manipulation.

### Department of Welfare & Pensions

IT Support Analyst

Dartford, UK

Dec 2018 – May 2019

- Developed comprehensive reports and data visualisation to effectively communicate data-driven insights.
- Developed data collection practices and processes to enhance insight.
- Identified and resolved hardware, software, and network issues, escalating to appropriate teams or vendors when necessary.
- Installed, configured, and maintained operating systems, servers, network devices, and software applications to ensure efficient and reliable system performance.
- Executed system upgrades and migrations, ensuring minimal disruptions and adherence to project timelines.

## EDUCATION

University of Kent, Canterbury, Kent

2020 — 2021

Computer Science MSc

Overall Grade: 2:1

University of Kent, Canterbury, Kent

2015 — 2019

Mathematic BSc

Overall Grade: 2:2

## PERSONAL PROJECTS

### Medical Search Engine App (using Machine Learning)

Ongoing

Hand-on project, which harnesses machine learning methods, to develop an application designed to aid medical professionals and patients.

### Game Development

2018 - Ongoing

A personal interest of mine is creating video games. I have experimented with various tools to create different styles of video games. For example:

- Using Godot and sprite sheets, created a 8-bit platformer game with sprites and interactive items.
- Experimentation with Blender and Unreal Engine to develop 3D-games.
- VR development by using Oculus Quest 3, SteamVR and Unreal Engine.
- Using Programming tools, like PyGames or JavaScript packages to develop games from scratch.

## SKILLS

Cloud Services

Amazon Web Services, Azure

Programming Languages

Java, Python, SQL, YML, Bash, SAS

Scripting Languages

TypeScript, JavaScript, HTML, CSS

DevOps & Container

Docker, CI/CD, Jenkins, GIT, ECS, Terraform

Game Development

Unreal Engine, Blender, Godot, Oculus Quest 3

References at request.