

Ranne Gerodias

Dartford, Kent — rannegerodias@gmail.com — (+44) 7853472472 — rgerodias.online — <https://github.com/RanneG>

I am a skilled and results-oriented professional with expertise in cloud services, programming languages, and DevOps practices. In my role as a DevOps Engineer at Deloitte, I successfully automated cross-region IaC deployment, applying Agile Principles for client applications, and managing AWS services while collaborating with cross-functional teams. As a Production & Data Programmer at Greenstone Data Solutions Ltd., I conducted insightful data analyses, automated database processes, and achieved SAS certifications. My experience at the Department of Welfare & Pensions involved enhancing data collection practices, resolving IT issues, and executing system upgrades.

SKILLS

Cloud Services

Programming Languages

Scripting Languages

DevOps & Container

Game Development

Amazon Web Services, Azure

Java, Python, SQL, YAML, Bash

TypeScript, JavaScript, HTML, CSS

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

Unreal Engine, Blender, Godot, Oculus Quest 3

EXPERIENCE

Deloitte

DevOps Engineer

London, UK

Jan 2021 - July 2023

- Automated cross-region application IaC deployment resulting in workforce downtime by 100%.
- Applied Agile Principles (e.g. QA agile testing, software testing, scrum, sprints, etc.) to deploy applications for clients.
- AWS (EC2, S3, EBS, ELB, CloudWatch, CloudFormation, Route53, Elastic IP, RDS, SNS, SQS, IAM, VPC) and managing security.
- Diagnosed and resolved issues related to Docker containers, networking, and storage, providing timely support to dev/op teams
- Designed, deployed, and managed infrastructure using IaC tools, mainly Terraform, to ensure scalable and resilient environments.
- Using Jenkins, established and enhanced CI/CD pipelines to automate the build, test, and deployment of applications.
- Implemented security best practices throughout the infrastructure, including access control, vulnerability management, and compliance with industry standards.
- Collaborated with cross-functional teams, including developers, operations, and stakeholders, to align goals, share insights, and drive continuous improvement.
- Created and maintained technical documentation, guidelines, and standard operating procedures to ensure knowledge sharing and facilitate smooth operations groups.

Greenstone Data Solutions Ltd.

Production & Data Programmer

Kings Hill, UK

Oct 2019 – Mar 2020

- Collected, cleaned, and analysed large datasets to identify trends, patterns, and insights to clients.
- Developed comprehensive reports and data visualisation to effectively communicate data-driven insights.
- Created scripts to automate database processes using BASH, Python, SAS and SQL queries.
- Achieved a certificate for SAS Fundamentals and Advanced.
- Migrated source code management to GitHub.
- Explored possible migrations to cloud based solutions such as AWS and Azure.

Department of Welfare & Pensions

IT Intern

Dartford, UK

Dec 2018 – May 2019

- 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.
- Created and set-up virtual relational databases for use cases
- Installed, configured, and maintained operating systems, servers, network devices, and software applications to ensure efficient and reliable system performance.
- Deployed virtual environments and instances using VirtualBox and VMware.
- Executed system upgrades and migrations, ensuring minimal disruptions and adherence to project timelines.
- Communicated with team members, stakeholders, vendors and clients.

EDUCATION

University of Kent, Canterbury, Kent
Computer Science MSc
Credit standing: Honors

2020 — 2021
Overall Grade: 2:1

- Project & Dissertation: Using VR/AR to enhance UX in industry.
- Modules: Advanced Object-Oriented Programming, Project Research, Software Engineering, System Architecture, Web-based Information System Development, Logic Programming, Data Mining and Knowledge Discovery

University of Kent, Canterbury, Kent
Mathematic BSc
Credit standing: Honors

2015 — 2019
Overall Grade: 2:2

- Final Year Project: Google's PageRank Algorithm
- Modules: Quantum Mechanics, Complex Analysis, Games & Strategy, Discrete Maths, Maths in Finance, Statistics, Probability, Introduction to MATLAB Programming.

Leigh Technology Academy, Dartford, Kent
Maths, Music Performance

2008 — 2015

- Final Year Project: Google's PageRank Algorithm
- Modules: Quantum Mechanics, Complex Analysis, Games & Strategy, Discrete Maths, Maths in Finance, Statistics, Probability, Introduction to MATLAB Programming.

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.

UKC Filipino Society

Canterbury, Kent

Project Link: <https://www.instagram.com/ukc.filsoc/>

Sept 2016

Established a cultural society for international and home students interested in Filipino culture.

Interests

- Badminton
- Food
- Travelling
- Tech

References at request.
