

# RANNE GERODIAS

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CLOUD SERVICES	AWS, AZURE DEVOPS
PROGRAMMING LANGUAGES	JAVA, PYTHON, SQL, YML, BASH
SCRIPTING LANGUAGES	TYPESCRIPT, JAVASCRIPT, HTML, CSS
DEVOPS AND CONTAINER	DOCKER, CI/CD, JENKINS, GIT, ECS, TERRAFORM

## EMPLOYMENT HISTORY

### DEVOPS ENGINEER, DELOITTE (LONDON, UK)

DEC 2021 – JULY 2023

- Apply Agile Principles (e.g. QA agile testing, software testing, scrum, sprints, etc.)
- AWS (EC2,S3, EBS, ELB, CloudWatch, CloudFormation, Route53, Elastic IP, RDS, SNS, SQS, IAM, VPC) and managing security groups.
- Diagnose and resolve issues related to Docker containers, networking, and storage, providing timely support to dev/op teams.
- Design, deploy, and manage 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.
- Developed a proactive mechanism to ensure timely identification and resolution of issues using CloudWatch and CloudTrail.
- Implement security best practices throughout the infrastructure, including access control, vulnerability management, and compliance with industry standards.
- Collaborate with cross-functional teams, including developers, operations, and stakeholders, to align goals, share insights, and drive continuous improvement.
- Participate in incident response and resolution processes identifying root causes, implementing preventive measures, and improving system resilience.
- Create and maintain technical documentation, guidelines, and standard operating procedures to ensure knowledge sharing and facilitate smooth operations.

### PRODUCTION & DATA PROGRAMMER, GREENSTONE DATA SOLUTIONS (KINGS HILL, UK)

OCT 2019 - MAR 2020

- Collect, clean, and analyse large datasets to identify trends, patterns, and insights to clients.
- Develop comprehensive reports and data visualisation to effectively communicate data-driven insights.
- Create scripts to automate database processes using BASH, Python, SAS and SQL queries.
- 48 contact hours of formal training in SAS (A high-level procedural oriented programming language).
- Achieved a certificate for SAS Fundamentals and Advanced.
- Migrated source code management to GitHub.
- Explore possible migrations to cloud based solutions such as AWS and Azure.

### SYSTEM ADMINISTRATOR, DEPARTMENT OF WELFARE & PENSION (DARTFORD, UK)

DEC 2018 - MAY 2019

- Develop data collection practices and processes to enhance insight.
- Identify and resolve hardware, software, and network issues, escalating to appropriate teams or vendors when necessary..
- Created and set-up virtual relational databases for use cases
- Install, configure, and maintain operating systems, servers, network devices, and software applications to ensure efficient and reliable system performance.
- Deploy virtual environments and instances using VirtualBox and VMware.
- Execute system upgrades and migrations, ensuring minimal disruptions and adherence to project timelines.
- Communicate with team members, stakeholders, vendors and clients.

## EDUCATION AND QUALIFICATIONS

### UNIVERSITY OF KENT, COMPUTER SCIENCE MSc

SEPT 2020 - SEPT 2021

- 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, MATHEMATICS BSc WITH A FOUNDATION YEAR**

*SEPT 2015 – JULY 2019*

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

**LEIGH TECHNOLOGY ACADEMY, DARTFORD**

*SEPT 2008 – JULY 2015*

- **A level:** Mathematics (B), Business (B), Music Performance BTEC (DM).
  - **GCSEs:** 11 A - Cs, including Maths, English & Science
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