

RANNE GERODIAS

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CLOUD SERVICES	AWS, AZURE DEVOPS
PROGRAMMING LANGUAGES	JAVA, PYTHON, SQL, YML, BASH, C#
SCRIPTING LANGUAGES	PYTHON SCRIPTING, TYPESCRIPT, JAVASCRIPT, HTML, CSS
IDE DEV TOOL	ECLIPSE, INTELLIJ, VSCODE, JUPYTER NOTEBOOK
DATABASES	DYNAMOBD, SQL SERVER, MYSQL, POSTGRESDB, AWS RDS, AMAZON AURORA
DEVOPS AND CONTAINER	KUBERNETES, DOCKER, CI/CD, JENKINS, GIT, AWS CODECOMMIT, CODEDEPLOY, CODEBUILD, EKS, ECR, ECS, TERRAFORM
OS	WINDOWS, LINUX, MICROSOFT WINDOWS SERVER, VMWARE, VIRTUALBOX
TECHNOLOGIES	.NET, REACT, API GATEWAY, APACHE, TOMCAT, NGINX, XML, JSON, CSV, WEB SERVICES, UNITY, UNREAL ENGINE, BLENDER
QA & MONITORING	POSTMAN, JUNIT, CLOUDWATCH, SPLUNK, ELK
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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