UTHAYAKUMAR HARITHAS

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AWS Certified Cloud Practitioner and MSc Data Science student with hands-on project experience in cloud infrastructure, DevOps practices, and web application development. Skilled in deploying AWS services (EC2, S3, DynamoDB, VPC), developing automation workflows, and applying infrastructure-as-code. Seeking an entry-level Cloud Engineer role to apply cloud knowledge and grow into Solutions Architect career path.

EDUCATION

MSc in Data Science

University Of South Wales • United Kingdom   02/2025 - Present

Specialised in data analysis, statistical modelling, and machine learning with practical expertise in Python, R, and SQL. Gained hands-on experience in big data, data visualization, and applied research projects, strengthening skills in data-driven problem solving.

BSc in Applied Mathematics and Computing

Vavuniya Campus of the University Of Jaffna • Sri Lanka   08/2020 - 08/2023

Built strong foundations in pure and applied mathematics, statistics, and numerical methods while gaining practical skills in programming, algorithms, and web development. Developed analytical and computational expertise through coursework in data analysis, mathematical modelling, and software development.

CERTIFICATIONS

AWS Certified Cloud Practitioner   08/2025 - 08/2028

Amazon Web Services (AWS)

SKILLS

Cloud & DevOps: AWS (EC2, S3, DynamoDB, VPC, IAM, AMI), Git, GitHub, Linux, Terraform (basic)

Programming & Databases: CSS, HTML, MySQL, PHP, Python

Soft Skills: Adaptability, Communication, Problem-solving, Teamwork

Other Tools: Bash scripting, Docker, MatLab, Microsoft Office, R

PROJECTS

AWS Cloud Infrastructure for DataSafe Insurance (MSc Coursework Project)

University Of South Wales

- Designed and deployed a full-stack AWS solution simulating consultancy work for an insurance company.
- Implemented services: EC2, S3, DynamoDB, VPC (public/private subnets), AMIs, and Apache HTTP server.
- Automated server deployment using AMIs; hosted a secure Apache web server in a custom VPC.
- Processed datasets in DynamoDB and integrated results with S3 storage.
- Technologies: Amazon EC2, S3, DynamoDB, VPC, AMI, R, Apache.

Admission Form Generating System – Web Application (Undergraduate Project)

University Of Jaffna

- Built a PHP/MySQL web application for the University of Vavuniya to automate student exam admission forms.
- Designed database schema, front-end interface, and backend logic for data upload and automated form generation.
- Reduced manual work by enabling dynamic sheet generation with student/exam details.
- Technologies: PHP, MySQL, HTML, CSS.

Personal Portfolio Website Hosting

www.harithas.co.uk

- Designed and deployed a personal portfolio website using **HTML, CSS, and JavaScript**.
- Purchased a custom domain via **GoDaddy** and successfully hosted the site on **AWS**, demonstrating skills in cloud deployment, domain management, and website hosting.

WORK EXPERIENCE

Telekebir road Convinience store • Pontypridd, UK   02/2025 - Present
Retail Assistant

- Gained practical experience in system operations and teamwork in fast-paced environments, transferable to IT/Cloud roles

Araliya Investment PVT ltd • Sri Lanka   07/2024 - 01/2025
Clerk and Cashier

- Processed 150+ customer transactions daily with 99% accuracy.
- Maintained financial records and improved store inventory accuracy by 20%.

VOLUNTEERING & LEADERSHIP

Vanni Vogue Camera Club(V2C2)   01/2022 - Present
Member

- Participated in photography projects, events, and exhibitions.
- Contributed to creative content development and event documentation.

Chenaikudiyiruppu 1A Division Community   12/2023 - 12/2024
Treasuror • Kalmunai, Sri Lanka

- Managed budgets, community funds, and financial transparency for local development projects.

Winner Sports Club   11/2020 - 11/2021
Co-President • Kalmunai, Sri Lanka

- Organised training sessions, matches, and events; developed leadership and teamwork skills.

MISCELLANEOUS

Full Driving licence(UK)