

# Arish Acharya

Data & Software Engineer

A lifelong learner and problem-solver. Skilled in full-stack development, cloud technologies, and data engineering. Proven track record of delivering impactful projects. Seeking a dynamic team where I can contribute my expertise and make a meaningful difference.

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## EDUCATION

### Master of Data Science

University of Canberra

08/2022 - 06/2024

Major

- Project Management
- Business Intelligence
- Sports Analytics
- Machine Learning

### Bachelor of Computer Networking and IT Security (Honors)

London Metropolitan University

2017 - 2020

Courses

- CCNA
- COMPTIA+
- LAN/WAN
- TCP/IP

## WORK EXPERIENCE

### Data Analyst Intern

AusTriathlon

03/2024 - 07/2024

Canberra, Australia

Achievements/Tasks

- Worked closely with the Data Lead to develop automated data analysis pipelines using Python and Power BI, significantly reducing manual effort in processing large triathlon datasets from diverse race formats worldwide.
- Successfully automated the calculation of race laps, metrics, and visualization, eliminating manual labor and significantly reducing the time required for data analysis. This enabled coaches to access actionable insights more quickly.

### Information Technology Support Engineer

Nepal Oil Corporation

11/2020 - 11/2021

Kathmandu, Nepal

Achievements/Tasks

- Worked closely with project managers and stakeholders to lead cross-functional teams in configuring networks across all branches nationwide, ensuring consistent and efficient implementation.
- Provided remote technical support, resolving network issues and documenting IT systems to maintain operational efficiency and facilitate disaster recovery.
- Customized SAP B1 to align with specific organizational requirements and executed SQL queries to optimize system performance and improve overall efficiency.

## BOOTCAMPS

MODIS Microsoft Bootcamp

Study Australia Industry Experience Program

Our team consulted and assisted Wholefoods Plantbased Group expand its domestic reach in Australia.

## SKILLS

Programming Language: Python, Javascript, R

Frontend Frameworks : React, Material UI, Chakra UI

Backend: Node.js, Firebase

REST APIs

Cloud: AWS (EC2, S3, Glue, Redshift)

GIT

Testing: Jest

CI/CD: Jenkins, AWS CodePipeline

Problem-Solving, Critical Thinking, Communication

## PERSONAL PROJECTS

### Mental Health Platform (10/2024 - Present)

- Full-Stack Application Development to support people with mental health problems using React for frontend, Firebase for backend and Material UI for UI/UX.

### Finance Management

- Developed a full-stack web application to assist users in effectively tracking their finances. Leveraged React frontend and Firebase for scalable backend services. Implemented testing using Jest and CI/CD pipelines with Jenkins.

### Dog Breed Detector

- Web Game where users guess dog breeds from multiple options. Build on React, AWS RDS for storing scores, Node.js for backend and CI/CD from Github to AWS.

### Paldip.com

- Fixed bugs, integrated Firebase for user authentication and backend.

## CERTIFICATES

Microsoft Azure Fundamentals (AZ-900)

## LANGUAGES

English

Full Professional Proficiency

Nepali

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Kayaking

Hiking

Trekking

Coffee