

WIJITH PATHIRANAGE

Software Engineer

2/15 Jervois Terrace, Marino SA

+61450933554

wijith7@gmail.com

<https://www.linkedin.com/in/wijith-pathiraname-5034ab106/>

PROFESSIONAL SUMMARY:

Experienced Software Engineer with a strong foundation in programming, software development, and system optimization. Skilled in designing and implementing scalable solutions, improving application performance, and delivering high-quality code. Proficient in ArcGIS software and experienced in Geospatial Information Systems (GIS), gained as part of a Master's degree in Data Science. Passionate about leveraging technology to create innovative software solutions, analyze spatial data, and address complex challenges while driving organizational efficiency.

PROFESSIONAL EXPERIENCE:

Application Developer & Independent Service provider

Dialog Axiata PLC, Sri Lanka | 2020 - 2022

- Established and managed a business developing and promoting mobile applications using Dialog Axiata platforms, leading a team to achieve business objectives.
- Utilized social media analytics and user data to drive informed decisions and optimize marketing strategies.

Tools - Excel, Google Forms, Google Analytics Tools, Facebook Business Manager, Adobe Photoshop, Filmora

Software Engineer

WSO2 - Sri Lanka | 2018 - 2020

Team - API Manager

- Developed a web application using React to showcase the capabilities of WSO2 API Manager, highlighting its features and functionality to enhance user understanding.
- Contributed to feature development and resolved bugs in the WSO2 API Manager, ensuring enhanced functionality and a seamless user experience.

Technologies worked on - React JS, Ballerina, JavaScript, REST APIs

Team - Rapid Response Team

- Designed and implemented the CASQUE authenticator leveraging CASQUE SNR multi-factor authentication technology to enhance security and user verification processes.
- Developed new features and resolved high-priority issues requiring rapid responses, ensuring system reliability and prompt resolution of critical problems.
- Design Documentation.

Technologies worked on - Java, CASQUE SNR multi-factor authentication

Product Excellence Task

- Assigned a special task to implement the 'Doc as Code' model, fostering collaboration on content and seamlessly integrating documentation into the development process. This initiative introduced a streamlined and innovative documentation approach at WSO2.
- Designed the process workflow and system architecture.
- Documented the process and conducted brainstorming sessions and training for all teams, including the documentation team, to adopt and implement the new approach effectively.

Technologies worked on - Shell Script, Netlify, Jenkins, UI/UX designs, Git, mdocs

Team - Identity and Access Management

- Resolved issues and developed new features for IAM connectors to enhance functionality and performance.
- Conducted performance evaluations and implemented improvements for IAM connectors and features to ensure optimal efficiency and reliability.
- Served as an IAM Level 3 Support Engineer, providing advanced technical support and resolving complex issues.
- Actively contributed to maintaining and improving code quality as a collaborative and responsible team member.
- Developed and executed unit and integration tests to ensure software reliability and functionality.

Technologies worked on - Java, JMeter, MySQL, Scm

Freelance software and web developer

2016 - 2020

- Healthcare Management Software – Designed for medical doctors to manage patients and their drug inventory in private practices.
- Point of Sale Systems – Designed POS systems for use in small shops.
- Website Development

Technology : Java, WordPress, ReactJS, NodeJS, JavaScript, MySQL and SQLite

TECHNICAL SKILLS

- | | |
|--|---|
| ✓ Programming - Java, Python, R, Shell | ✓ Agile software development |
| ✓ Databases - MySQL, PostgreSQL | ✓ OAuth & OpenID, REST web services |
| ✓ Geospatial Information Systems | ✓ ArcGIS, Image Processing |
| ✓ ReactJS, NodeJS | ✓ Photoshop, Filmora & video production tools |
| ✓ Git, Maven, Jenkins | ✓ Excel, Analytics Tools, Facebook Business Manager |

SOFT SKILLS

- | | |
|-----------------------|-------------------|
| ✓ Leadership | ✓ Problem Solving |
| ✓ Team Work | ✓ Hard Working |
| ✓ Innovative Thinking | ✓ Quick Learner |

EDUCATION

- **Masters of Data Science with Distinction** 2022 - 2024
Flinders University , South Australia
Research - "An Analysis of Hospital Emergency Department Functionality with a Graph Based Approach "
- **BSc (Special in Computer Science) with GPA - 3.08 (4.0)** 2013 - 2017

General Degree (3 Years)

Eastern University, Sri Lanka

Main Subjects - Pure Mathematics, Applied Mathematics and Computer Science

Computer Science Special (1 year)

University of Jaffna, Sri Lanka

Main Subjects - Image Processing, Internet Security, Advanced Database Management

Research - "An Opportunistic Content Sharing Network Using the Bit Torrent Approach"

ACHIEVEMENTS

- ✓ Best Project Award Maths & Data Science at Flinders University top 3 Finalist.
- ✓ Chancellor's Letter of Commendation from Flinders University for outstanding academic performance.
- ✓ Golden Key International Honour Society invitation , representing top 15% student in Flinders University
- ✓ Winner of Best Revenue Generating App Award – Recognized by Dialog Axiata in 2021 for creating the top-performing application in a competition, driving exceptional revenue growth.
- ✓ 1 St place in photography World Environment Day & Ocean Day Competition in Eastern University

CERTIFICATIONS

- ✓ Google Data Analyst Professional Certificate
- ✓ Python Data Structure (University of Michigan)
- ✓ Fundamentals of Digital Marketing (Google)
- ✓ Human Resource Management (Advanced Certificate)

EXTRA ACTIVITIES

- ✓ Technology enthusiastic
- ✓ Photographer
- ✓ Reader and Blog Writer
- ✓ Traveller
- ✓ Singer and Rhythm Guitarist

REFERENCE

Dr.Mariusz Bajger

Lecturer, College of Science and Engineering,
Flinders University
+61 8 82013984
www.flinders.edu.au/people/mariusz.bajger

Thushanthan Amalanathan

Software Engnieer,
+61 4 14642982
thushaamal93@gmail.com