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| **Linyi (Roy) Huang**  **Full-Stack Developer | AWS Solution Architect Associate** | www.linyi-dev.com  github.com/rrroy5640  Mobile: 049-336-9445  Email:[hly5640@gmail.com](mailto:hly5640@gmail.com)  Kingston, TAS 7050 |  |

**Professional Summary**

Recent ICT graduate from UTAS with a strong focus on web and software development. Proficient in front-end technologies such as **HTML, CSS**, and **JavaScript**, and experienced with modern frameworks including **React**, **Express.js**, and **.NET Core**. I have hands-on experience in building responsive web applications and a solid foundation in cloud services as an **AWS Solutions Architect Associate**, which enhances my ability to improve web performance and scalability. Committed to continuous learning and passionate about embracing new technologies, I am eager to expand my skills and contribute effectively to dynamic development teams.

**Education & Certification**

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| **University of Tasmania** | Jun 2021 – Jul 2024 |
| Bachelor of Information Communication Technology – Computer Science |  |
| **Michigan State University** | Sep 2012 – Dec 2015 |
| Bachelor of Economics |  |
| **Amazon Web Services** | Aug 2024 – Aug 2027 |
| Certified Solution Architect Associate |  |

**Skills**

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| **Front-End Development** | HTML, CSS, JavaScript, TypeScript, React, Tailwind CSS |
| **Back-End Development** | Node.js, Express.js, C#, .NET core, Java, RESTful API |
| **Database** | MongoDB, MySQL, PostgreSQL |
| **Cloud Platforms** | Amazon Web Services (AWS), Microsoft Azure |
| **Deployment** | GitHub Action, Docker, AWS EC2, ECS, EKS |
| **Microsoft Technologies** | Power Apps, Power Automate, SharePoint |

**Experience**

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| **TasTest Dashboard** | Mar 2023 – Nov 2023 |
| *Full Stack Developer / Client Coordinator* | Hobart, Australia |

TASTest is an UTAS medical research project to test and predict potential dementia by analysing hand movement patterns. This sub-project is a dynamic dashboard web application enables researchers to operate real-time database management and schema modification with secured access control.

* Led frontend development using **JavaScript** and **React** to build user interface, using Redux for state management, utilising third party library and customised components for satisfying user experience.
* Designed and implemented a tiered user management system at both backend with **TypeScript, Node.js, Express.js** and database levels with **MySQL,** utilising **JWT token** authorisation for security compliance.
* Built and maintained **RESTful APIs**, creating detailed documentation for each endpoint.
* Ensured quality assurance by reviewing, testing, and debugging code from all team members, ensuring the code follows the best practice.
* Worked within a DevOps environment, supporting application deployment and configuration management.
* Managed and led team coordination and client communication, adapting to evolving project priorities and requirements.

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| **Fuzhou** **Limtex Garment Co. Ltd** | Mar 2016 – Dec 2021 |
| *Garment Export Coordinator / Project Manager* | Fuzhou, China |

* Managed large volumes of client inquiries and provided accurate quotations for effective client acquisition and retention.
* Directed production processes, ensuring timely delivery and maintaining strong client relationships through proactive and clear communication.
* Coordinated logistics and meticulously managed export documentation, ensuring compliance with international trade regulations and efficient shipment handling.
* Analysed market demand and client feedback to adjust product offerings and optimize inventory levels, aligning with the strategic management of product catalogues on digital storefronts.

**Side Projects**

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| **Task Manager (In Progress)** | https://github.com/rrroy5640/ProjectManager |

* Highly available and scalable web application, based on micro-service architecture.
* Backend developed with C# .NET core framework, using MongoDB for database.
* Integrated with AWS SDK to retrieve parameters such as database connection string and JWT secret key.
* Services are decoupled and using AWS SQS as buffer to queue the inter-service messaging, services will be automatically scaled based on the queue length.

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| **News Card** | https://news-card.linyi-dev.com/ |

* Responsive web application optimised for mobile devices and PC browsers.
* Frontend developed with React, Redux for state management, and tailwind CSS for styling.
* Backend developed with Node.js, Express.js, calling news APIs to retrieve and process news data, then cache in server to deal with traffic spike.
* Integrated CORS middleware to enable cross domain requests.

**References**

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| Available upon request. |  |