Mohd Irfan Nadziri bin Mohd Zaki

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PROFESSIONAL SUMMARY

AWS-certified Solutions Architect with expertise in designing and deploying scalable cloud solutions. Skilled in AWS Landing Zone, Infrastructure as Code (IaC), and AI-driven applications. Proven track record in optimizing cloud infrastructure for cost efficiency, security, and high availability. Seeking a role to architect and implement robust AWS-based solutions that drive business growth.

PERSONAL AND WORK EXPERIENCE

KOMETSOFT (M) SDN. BHD.   Putrajaya
Solutions Architect   *June 2024 – Present*

- Conducted AWS infrastructure assessments for an organization with 10+ workloads, identifying risks and optimization opportunities that improved infrastructure stability, cost efficiency, and security compliance by 50%.

- Assisted and advised three application teams (10+ developers and engineers) in migrating workloads to an AWS Landing Zone, ensuring successful completion within the designated timeline.

- Involved Landing Zone deployment for a government ministry, implementing AWS Service Control Policies (SCP), AWS Config, and security best practices, reducing manual infrastructure provisioning time by 60%.

- Designed and deployed cloud infrastructure using Infrastructure as Code (IaC) with AWS CloudFormation, featuring Multi-AZ architecture, Auto Scaling Groups (ASG) for high availability, and AWS WAF for security, enhancing system uptime to 99.99%.

- Partnered with development teams to optimize cloud-native application deployments, reducing deployment errors by 70% and cutting release cycles from 2 weeks to 3 days.

- Created and developed an AI-driven chatbot application for customer support, currently in beta stage and attracting significant interest from various parties.

Cloud Developer Intern   *January 2024 – May 2024*

- Successfully developed a document repository application using AWS key services as company's first cloud-native SaaS product, leading to immediate client interest and securing a pilot project with a key client.

- Solely designed scalable AWS infrastructure to support the application, improving document accessibility and security.

- Utilized Vue.js and Tailwind CSS to create a responsive web interface, ensuring a seamless user experience across desktop and mobile devices, enhancing user productivity.

FINAL YEAR PROJECT   Selangor Islamic University
Implementing UIS Guard Patrolling System in a Cloud-based Infrastructure   *January 2023 – October 2023*

- Leveraged Amazon Web Services (AWS) including VPC, IoT Core, Lambda, RDS, EC2, and DynamoDB to build and manage the cloud-based infrastructure, optimizing security and data storage.

- Created a web-based platform with PHP and Boostrap 5.3 to monitor patrolling schedules and data.

- Utilized Python to develop an AWS Lambda function for real-time data processing.

EDUCATION AND CERTIFICATION

AMAZON WEB SERVICES (AWS)
AWS Certified Solution Architect - Associate (SAA-C03)   *Expiry: August 2027*
AWS Certified Cloud Practitioner (CLF-C02)   *Expiry: August 2027*
AWS Certified AI Practitioner (AIF-C01)   *Expiry: December 2027*

SELANGOR ISLAMIC UNIVERSITY (UIS)
Bachelor in Information Technology (Hons.) (Network Technology) (CGPA 3.96)   *Graduation: June 2024*

- Holder of UIS Chancellor Award – Convocation 2024/2025
- Best Student of Computer Science Department Award.
- Faculty of Creative Multimedia and Computing Student Figure Award.

SKILLS

Cloud & DevOps: AWS (EC2, Lambda, S3, CloudFormation, Auto Scaling, IAM, WAF, VPC, SCP, Config)
Programming & Web: Python, JavaScript, React.js, Vue.js, Tailwind CSS, Bootstrap
Infrastructure & Security: Linux, IAM, AWS Security Hub, CloudTrail, GuardDuty
Version Control & CI/CD: Git, GitHub Actions

REFERENCES

References available upon request.