Mohd Irfan Nadziri bin Mohd Zaki

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PROFESSIONAL SUMMARY

AWS-certified Technical Engineer with expertise in designing and deploying scalable cloud solutions. Skilled in AWS Landing Zone, Infrastructure as Code (IaC), system automation, and architecture design. 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

BMW GROUP   Cyberjaya
AWS Technical Engineer   *April 2025 – Present*

- Designed and deployed cloud infrastructure using Infrastructure as Code (IaC) with Terraform, implementing Multi-AZ architecture, Disaster Recovery (DR), and Auto Scaling Groups (ASG) for high availability, while adhering to security best practices to achieve 99.99% system uptime.
- Led client cloud onboarding projects, simplifying adoption workflows through well-architected designs and ensuring alignment with go-live timelines.
- Automated infrastructure provisioning with Python and Terraform scripts, achieving 80% reduction in manual tasks and accelerating deployment frequency by 2x.

KOMETSOFT (M) SDN. BHD.   Putrajaya
Solutions Architect   *June 2024 – April 2025*

- 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 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, Vue.js, and TailwindCSS 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.

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 Solutions 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's 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, ECS, EKS)
Programming & Web: Python, JavaScript, React.js, Vue.js, Tailwind CSS, Bootstrap
Infrastructure & Security: Linux, IAM, AWS Security Hub, CloudTrail, GuardDuty, K8s, Docker
CI/CD & Automation: Git, GitHub Actions, Terraform

REFERENCE

References available upon request.