Mohd Irfan Nadziri bin Mohd Zaki

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PROFESSIONAL SUMMARY

Highly motivated and results-driven IT professional with a strong background in cloud computing, infrastructure design, and software development. Proven ability to develop and implement innovative solutions, leveraging AWS technologies to optimize performance and security. Seeking a challenging role to apply my expertise in cloud architecture and development.

PERSONAL AND WORK EXPERIENCE

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

- Deployed a highly available application for a government agency using Multi-AZ deployment, Auto Scaling Groups (ASG), AWS WAF, and EC2 instances. Improved availability by 99.99% and reduced costs by 25% through automated scaling.
- Assisted the migration of on-premises applications to AWS for a government ministry, achieving a 30% reduction in operational costs and 50% faster deployments.
- Developed an AI-driven customer support chatbot using AWS Bedrock with Claude 2 LLM, which has attracted significant interest and is projected to cut response times by 50%, boosting customer satisfaction.

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*

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

- 7x Consecutive Dean's List Award.
- Best Student of Computer Science Department Award.
- Faculty of Creative Multimedia and Computing Student Figure Award.

SKILLS

TECHNICAL
Cloud Technologies (Proficient in AWS; also experienced in GCP and Azure), Python, React.js, Vue.js, Tailwind CSS, Linux, Git, Infrastructure-as-Code (IaC).

CORE COMPETENCIES
Collaboration and Teamwork, Problem-Solving, Adaptability, Communication, Project Management.

LANGUAGE
Fluent in Bahasa, conversational in English.

REFERENCES

SHARUZZAMAN BIN AHMAT RASLAN   Professional Mentor
Sr. Solutions Architect, Kometsoft (M) Sdn. Bhd.
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KHAIRIL ASHRAF BIN ELIAS @ MAYAH   Former Supervisor
Head of Computer Science Department, Selangor Islamic University
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