

# ABDULLAH MUKMIN BIN SHAMSULKAMAL

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Portfolio: <https://www.abdullahmukmin.com>



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## PROFESSIONAL SUMMARY

Aspiring **Cloud**, **DevOps** and **Frontend Developer** with a background in Quality Assurance and a strong passion for **cloud computing**, **automation**, and **web development**. Hands-on experience with AWS services, CI/CD pipelines, and infrastructure as code (IaC), and frontend technologies. Trained at troubleshooting, scripting, and implementing cloud best practices. Seeking an **entry-level Cloud, DevOps or Frontend Developer** role to leverage my AWS knowledge, automation and frontend skills in building a scalable and efficient solutions.

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## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (SAA-C03)
  - AWS Certified Cloud Practitioner (CLF-C02)
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## TECHNICAL SKILLS

### Cloud & DevOps

- **Cloud Platforms:** AWS (EC2, S3, IAM, RDS, Lambda, VPC, CloudFront, Route 53, Elastic Beanstalk)
- **CI/CD & Automation:** GitHub Actions, Terraform, AWS CloudFormation, Docker
- **Infrastructure as Code (IaC):** Terraform, AWS CloudFormation
- **Monitoring & Logging:** AWS CloudWatch, AWS Config
- **Scripting & Development:** Bash, Python
- **Networking & Security:** VPC, IAM, Security Groups, WAF
- **Version Control:** Git, GitHub
- **Operating Systems:** Linux, Windows

### Web Development

- **Frontend Tools:** HTML, CSS, Tailwind CSS, JavaScript, React.js
- **Backend Tools:** Node.js, Express.js, REST API
- **Database Management:** PostgreSQL
- **Design & Prototyping:** Figma

## TECHNICAL PROJECTS

### Cloud-Based Portfolio Website with CI/CD

- Developed a personal portfolio website using **HTML**, **CSS**, **Tailwind CSS**, and **JavaScript**.
- Deployed via **GitHub Actions** CI/CD pipeline for automated updates.
- Hosted on AWS **S3** with **CloudFront** for global content delivery and caching.
- Configured **Route 53** for domain management and DNS resolution.

### Three-Tier Web Application Deployment

- Designed and deployed a highly available, scalable web application using AWS services.
- Implemented **VPC**, **EC2**, **RDS**, and **ALB** to ensure security and load balancing.
- Configured **IAM** roles, **security groups**, and **auto-scaling** for optimized security and performance.

### NCAA Game Highlights Automation

- Developed an **automated pipeline** to fetch and process NCAA game highlights from external sources.
- Utilized **AWS Lambda** for serverless processing and **DynamoDB** for storing metadata.
- Configured a **CI/CD workflow** using **GitHub Actions** to automate deployment and updates.
- Implemented **CloudFront** for efficient content delivery and optimized **S3** storage for highlight assets.

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## PROFESSIONAL EXPERIENCE

### Senior Quality Assurance Engineer

*Fuji Seats (Malaysia) Sdn Bhd – (April 2023 – Present)*

- Collaborate with cross-functional teams to **analyze quality issues and implement solutions**.

### Quality Assurance / Quality Control Engineer

*WSA Engineering Sdn Bhd – (September 2021 – March 2023)*

- Conducted **root cause analysis** and implemented corrective actions for reduce the defect rates.

### Production Engineer

*Curge Advance Sdn Bhd – (August 2019 – April 2021)*

- Managed **production planning and optimized production workflow** through process analysis.

### Junior Technical Engineer

*Mestron Engineering Sdn Bhd – (December 2018 – July 2019)*

- Provided **technical support** and assisted customers in troubleshooting product issues.
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## EDUCATION

### **Full Stack Web Development Bootcamp (MERN Stack)**

*KelasProgramming.com* (Dec 2024 – Present)

### **AWS re/Start**

*Amazon Web Services* (Aug 2024 – Nov 2024)

### **Peneraju Teknologi Cloud Computing**

*Yayasan Peneraju* (Feb 2024 – Aug 2024)

### **Bachelor of Engineering (B.Eng), Aircraft Engine and Power Plants**

*Moscow Aviation Institute, Russia* (2014 – 2018)

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