Shaheed Abdillah

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PROFESSIONAL SUMMARY

Software Developer & Cloud Engineer with expertise in Java, Python (Flask, Pandas), and AWS Cloud. Experienced in backend development, automation, DevOps methodologies, and IT infrastructure optimization. Proven ability to develop scalable applications, automate workflows, and improve system reliability. Passionate about building efficient, cloud-native solutions and enhancing IT operations through automation.

EDUCATION

Diploma in Information Technology | *Kaplan Higher Education Academy (2019)*
National ITE Certificate (NITEC) in Microelectronics | *Institute of Technical Education (2018)*

TECHNICAL SKILLS

Cloud & DevOps: AWS (EC2, S3, IAM, RDS, Lambda, CloudWatch), Docker, Kubernetes, Terraform (Basic), Linux (Ubuntu, CentOS)
Programming & Development: Java (Spring Boot, Hibernate), Python (Flask, Pandas), .NET, JavaScript (Angular, Node.js), REST API Development
Automation & Scripting: Python (Selenium, OpenPyXL), Bash Scripting
Database Management: MySQL, MariaDB, SQL Server
IT Infrastructure & Support: ServiceNow (Incident Management), Server & Network Monitoring (SolarWinds)

CERTIFICATIONS

- Infosys Quality Certified Engineer
- Java 11 Essentials & Beyond Basics (Infosys)
- Agility and Scrum (Infosys)
- AWS Cloud Technical Essentials - Coursera (2025) (In Progress)
- Top 3 in iFIT Project (STMicroelectronics)
- Certificate of Completion – National Service

WORK EXPERIENCE

Associate | Infosys
Singapore | Sep 2022 – Feb 2025
Mercedes-Benz x Daimler Project (APAC Region):
- Provided server and hostname management in a data center environment, ensuring system stability.
- Developed and automated disk utilization filtering, processing 100,000+ data entries for better readability and structured reports.
- Designed a GUI-based reporting tool using Tkinter/PyQt, enhancing data filtering and user navigation efficiency.
- Optimized reporting workflows, consolidating multiple backup files into structured exports, improving report generation speed by 70%.
- Managed incident resolution via ServiceNow, streamlining workflows and reducing response times by 30%.
- Collaborated with global teams (APAC) to enhance SQL database performance and IT infrastructure reliability.

National Service | Singapore Armed Forces (SAF)

Singapore | May 2020 - May 2022

- Managed logistics, inventory tracking, stock-taking, and reporting, ensuring 100% accountability of military-grade equipment.
- Coordinated with different units to streamline supply chain operations.
- Developed strong teamwork, leadership, and discipline in a high-pressure environment.

Trainee | STMicroelectronics

Singapore | Jan 2018 - Dec 2018

- Developed Java-based applications with database integration (Apache Derby & MySQL).
- Assisted in bug fixing, network troubleshooting, and cleanroom maintenance.
- Contributed to software design & implementation for embedded system projects.

PROJECTS

ZARYA Automation System (Startup Project, 2025)

Technologies Used: Python (Flask), Telegram API, Social Media APIs, Ubuntu Server, Docker

- Developed an automation system to fetch and process messages, images, and videos from Telegram and distribute them to social media platforms.
- Integrated multiple social media APIs to automate content posting, reducing manual workload.
- Deployed on Ubuntu with Docker, ensuring scalability and reliability.

Automated Reporting System (Mercedes-Benz x Daimler Project, Infosys, 2023 - 2024)

Technologies Used: Python (Pandas, OpenPyXL, Tkinter/PyQt), ServiceNow

- Developed a GUI-based automated reporting tool for disk utilization analysis, processing 100,000+ data points.
- Optimized data filtering & sorting, improving report generation speed by 70%.
- Reduced manual workload by consolidating multiple backup files into structured exports.

Full-Stack Web Application (Infosys Training, 2022)

Technologies Used: Java (Spring Boot), Angular, MySQL

- Developed a full-stack web application with RESTful API integration.
- Designed and implemented authentication & role-based access control for secure user management.

Secure Asset Management Systems (STMicroelectronics, 2018)

Technologies Used: Java (Swing), Apache Derby, STM32F746 Nucleo (Microcontroller), Socket Programming

- Developed three secure asset management systems (Camera, Tablet, Lone Worker) for equipment tracking.
- Designed an RFID-based login system and an Admin Panel for user role management.
- Successfully deployed with 1,000+ registered users, recognized as Top 3 Project.

LANGUAGES

- English
- Malay

ADDITIONAL INFORMATION

- Class 3A Driving License (Singapore) | Valid for Personal & Commercial Use
- Open to Full-Time Software, Cloud, or DevOps Roles (Hybrid or Remote)