MUHAMMAD FAIZ KURNIA AKBAR

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Tangerang, Indonesia

self-driven who is eager to apply his extensive knowledge and experience in a practical setting. Effective communicator with a deep passion for technology, strong analytical skills, and ability to perform well in a team.

Education Level

Universitas Pembangunan Jaya (UPJ) - **Tangerang Selatan, Indonesia**   Jul 2016 - Aug 2020
Bachelor Degree in Computer Science, GPA: 3.44/4.00

Work Experiences

CV Cakra Multi Buana | IT Consultant and Procurement - **Tangerang, Indonesia**   Jan 2014 - Mar 2022
Freelancer

- Responsible for the software installation and maintenance of the Indonesia National Exam server infrastructure.
- Generated the batch files and configured the centralized file sharing server to improve the efficiency of software installation time to 3 – 4 schools from 1 – 2 schools in a day.
- Established a system to resolve critical network, server, and software problems remotely.
- Successfully deployed, serviced, and upgraded over 300 Windows computers whilst providing user training nationwide.

PT Indodev Niaga Internet - **Tangerang Selatan, Indonesia**   Jun 2019 - Sep 2019
Software Developer Sysadmin Intern

- Developed a container platform by utilizing OpenShift system to manage docker image and container.
- Established a docker image in a ubuntu system that automates customer's tasks when the container is running.
- Introduced a microservice architecture to isolate and connect different parts of the system such as the database and front-end UI.
- Initiated a code repository and versioning system to streamline the code development process by using GITLAB.
- The deployed OpenShift application allows the system to be scaled up or down based on traffic conditions and performs regular system health checks automatically.
- Created scalling rules limit with Openshift RestApi using Bash Scripting Language.

Labide - **Jakarta, Indonesia**   Sep 2018 - Jan 2019
IoT Developer

- Developed an IoT device to enable an automatic Plant Watering System.
- Utilized a Raspberry pi and a NodeMCU as a connector for the IoT device to the main server.
- Designed the schema used in the MySQL database to store the application metadata and the IoT sensor data.
- Used GCP Compute Engine tool as a Back-End to manage the communication between devices and the RestAPI Server.
- The PWS eases the regular watering process by applying dynamic on and off schedule based on the Web Management data.

Humboldt Kolleg Indonesia - **Jakarta, Indonesia**   Jul 2017
IT Support & Liaison Officer

- Responsible for supporting the Humboldt event as Helpdesk. Ensuring all IT needs on the event are configured and installed correctly.
- Provided IT support services, troubleshooting, and system operation.
- Successfully served as point-of-contact for internal and external clients, and guests to ensure excellent and high-quality guest experience at the Humboldt Kolleg Event.

Organisational Experience

UPJ Student Council - **Tangerang Selatan, Indonesia**   Aug 2018 - Sep 2019
Head of Communication and Information

- Lead the Communication and Information Division as Public Relations of BPM UPJ to maintain good relationships among other organizations in UPJ.
- Managed the student council's social media platform to share any general information.
- Successfully increase the level of dissemination of information quickly, widely, and thoroughly.
- Lead the Tech and Equipment department in every event activity and ensure all the Tech and Equipment on the event are configured and installed correctly.

Relevant Skills & Patent

- **Patent** (2020): Access and control room system using RFID at Universitas Pembangunan Jaya (EC00202022894).
- Experience with Linux and Microsoft Operating System.
- Proficient with various programming and scripting languages including C/C++, Python, PHP, Javascript, Bash, Batch.

- Experience with GCP Cloud Services including but not limited to Compute Engine, Firebase, and Cloud Storage.
- Experience with AWS Cloud Services including but not limited to EC2, S3, RDS, and VPC.
- <mark>Proficient</mark> with Git.
- Experience with containerization platforms like Docker and container orchestration systems such as OpenShift or Kubernetes
- **Languages**: Bahasa Indonesia as Native Language and English with Full Professional Proficiency