

M. Chalvin Wiradhika Zulfiarnitho

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As an Informatics fresh graduate pursuing a career in Software Engineering, I am eager to enhance the automation and efficiency of software delivery processes while also specializing in architecting scalable and highly available software and systems. With proficiency in multiple programming languages, I have a strong foundation in front-end development and knowledge of cloud computing. I have hands-on experience in setting up CI/CD pipelines using various tools, as well as application containerization and orchestration. Besides, I keep updating and learning about front-end development in the React.js environment and community. My goal is to leverage these skills and knowledge to drive innovation and deliver high-quality software solutions.


Education

President University, Indonesia 

Aug 2019 – Jul 2023


- Bachelor of Science in Informatics

Work Experience

DevOps Engineer Intern at PT. BTPN Syariah Tbk, Indonesia 

Sep 2022 – Dec 2022

- Supporting project migration to the new container deployment platform by creating scripts and adding environment variables needed in the repository
- Supporting other software engineer requests for secrets management in the container deployment platform
- Fixing CI/CD pipeline errors when happened in the software deployment process
- Learning about reusable docker container that contains bash scripts for deployment processes
- Researching ElasticStack and Kafka for the final project by deploying them in the local Kubernetes engine (minikube) and docker-compose

DevOps Engineer Intern at PT. XL Axiata Tbk, Indonesia 

Feb 2022 – Jun 2022

- Creating unit test and coverage automation stage in CI/CD pipeline, writing bash script containing logic for test coverage threshold
- Responsible for managing bash script shared library in a repository and writing bash scripts that can be reusable in other projects
- Creating a monthly Cloud cost optimization report to identify potential cost savings opportunities by evaluating the cost and resource usage to project stakeholders on AWS and GCP
- Responsible for documenting post-incident reports, meeting notes in Confluence, and tracking the team's backlogs in Jira

Projects

Hand Sign Translator App 

- Developed a web application for the American Sign Language Alphabet detection
- Using a webcam to capture the hand gesture and then convert it to text and voice
- Implemented with MediaPipe HandPose model from TensorFlow.js, Fingerpose library, and Next.js

CI/CD Pipeline 

- CI/CD pipeline with GitHub Actions for infrastructure provision automation in Azure with Terraform
- Build and push Docker image for 2 projects to Azure Container Registry
- Deploy the Docker image to Azure Kubernetes Service or Azure Container Service

Skills & Hobbies

Programming Languages

- JavaScript, Go, Bash Script, Python, SQL

Web Development Tools

- HTML, CSS, React.js, Next.js, Typescript, Prisma, Node.js

DevOps & Automation Tools

- Docker, Kubernetes, OCP, Terraform, Ansible, Linux, ArgoCD, GitLab CI, GitHub Actions, Jenkins

Hobbies

- Tech, I love to explore new technologies and tools
- Music, I play guitar and bass, also love listening to music
- Sports, I play tennis, futsal and volleyball