

# Dimas Tri Mustakim

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## PROFESSIONAL SUMMARY

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Computer Science graduate with a strong foundation in software development, cloud computing, and DevOps practices. Experienced in developing microservices-based applications and deploying them on cloud platforms. Demonstrated leadership and teamwork skills through successful project management and participation in community events.

## EDUCATION

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<b>Brawijaya University</b> <i>Bachelor of Computer Science. GPA: 3.94 / 4.0</i>	2020 – 2024
<b>Bangkit Academy</b> <i>Graduate of Distinction (Top 10%)</i>	2023

## EXPERIENCE & ORGANIZATIONS

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<b>Bank CIMB Niaga Tbk</b> <i>Junior IT Developer</i> <ul style="list-style-type: none"><li>Maintained and configured the teller application and its supporting infrastructure.</li><li>Achieved approximately 40% cost optimization in Google Cloud by right-sizing Cloud Data Fusion, Compute Engine, Cloud Run, and Cloud SQL instances.</li><li>Managed deployment on Google Cloud Platform using containerization and CI/CD pipelines</li><li>Proposed design improvements to enhance system reliability and cost-effectiveness (presented ideas, awaiting implementation).</li></ul>	2024 – Now
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<b>Information Centric Network (ICN) lab at Filkom UB</b> <i>Research Member &amp; Practicum Assitant</i> <ul style="list-style-type: none"><li>Assisted in courses including Basic Programming, Operating Systems, Computer Networking, and Information Security</li><li>Researched about cryptographic algorithms and security</li><li>Developed backend server and managed deployment on Linux machines using containers</li><li>Contributed to educational materials on cloud computing</li></ul>	2023
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<b>POROS (Open Source Initiative Organization at FILKOM UB)</b> <i>Backend Developer</i> <ul style="list-style-type: none"><li>Contributed to backend development and operations using Node.js, improving system performance and scalability</li><li>Participated in and mentored study groups, enhancing collaborative coding skills</li><li>Organized and contributed to public events, improving project management abilities</li></ul>	2022 – 2023
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## PROJECTS

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<b>SkinCheckAI</b>   2023-2024   <i>CoFounder – Backend &amp; DevOps Role</i> <ul style="list-style-type: none"><li>Led a team to develop a machine learning-powered skin disease detection application, achieving top 20 project status out of 787 teams at Bangkit Academy and securing funding.</li><li>Developed microservice backend servers using Golang, NodeJS, and Python</li><li>Managed deployment on Google Cloud Platform using containerization and CI/CD pipelines</li><li>Implemented seamless deployments using Cloud Run, Cloud Deploy, Cloud Build, and Artifact Registry</li><li>Managed ML environment using Compute Engine and Vertex AI platform</li></ul>
<b>Cryptocurrency Wallet</b>   2024 <ul style="list-style-type: none"><li>Created a Rust library for cryptocurrency wallet functionality, including mnemonic generation, key derivation and transaction signing, and make it easy to use</li><li>Implemented best practices in cryptography, security, and experimental research on cryptographic algorithms</li></ul>

## SKILLS

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**Programming Languages:** Go, Python, JavaScript/TypeScript, Java, Rust, PHP  
**Cloud Platforms:** Google Cloud Platform, AWS, Alibaba Cloud  
**DevOps:** Docker, Kubernetes, Jenkins, GitLab CI, Terraform, Ansible, Linux, LXC/LXD, Prometheus  
**Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Datastore)  
**Soft Skills:** Project Management, Problem-Solving, Continuous Learning

## CERTIFICATIONS

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Google Cloud Certified - Associate Cloud Engineer (ACE)