

Sakti Dwi Cahyono

Bandung, Indonesia | me@saktidwicaahyono.name | github.com/sakti | saktidwicaahyono.name

EDUCATION

Binus University

S.Kom / Bachelor of Computer Science

Jakarta

2018 — 2020

- GPA: 3.8
- "Development of Meeting Schedule Application Using Genetic Algorithm"

Telkom Institute of Technology

A.Md. / Associate Degree Informatics Engineering

Bandung, West Java

2008 — 2011

- GPA: 3.93
- Final project "IT Telkom News Map: Aplikasi Pengumpul Berital Lokal IT Telkom Berbasis Web"
- Assistant Coordinator Algorithm and Programming at Informatics Laboratory 2009
- Assistant Application, Algorithm and Programming at Prolab 2008
- Member Operating System Development (OSD) Study Group at Internet Application and Research Development (IARD) Laboratory 2008

SMK Telkom Sandhy Putra Purwokerto

Rekayasa Perangkat Lunak / Software Engineering

Purwokerto, Central Java

2005 — 2008

- Final project "Pembuatan Program Penilaian Akademis Siswa"
- 3rd place winner of Central Java Level Student Competency: Web Design Competition 2008
- Member of Student council board Political Organization and Leadership Division 2006/2007
- Secretary of Sandhy Putra Computer Club (SCC) 2006

SKILLS

- **Development:** Go, Python, Rust, C, SQL, TypeScript, Bash
- **Database:** PostgreSQL (+ postgis), MySQL, MongoDB
- **CI/CD:** Github Actions, Gitlab CI, Buildbot, Drone CI
- **Cloud Platform:** Amazon AWS, GCP
- **Orchestration:** Amazon ECS, Kubernetes, Nomad
- **Software Configuration Management:** Git, jj
- **IaC:** Ansible, Terraform

EXPERIENCE

SRE

Stockbit

December 2022 — Present

Jakarta

- Infrastructure Core Team Member

SRE Lead

PT Sampangan Mitra Indonesia

January 2021 — December 2022

Jakarta

- Serve as consultant for system design and technical issues
- Handle security incident & security compliance
- Create load testing system
- Create frontend deployment system (simplified Vercel)

DevOps Security Engineer

PT Sampangan Mitra Indonesia

June 2019 — January 2021

Jakarta

- Manage development & deployment flow (CI/CD)
- Manage ECS & Consul cluster
- Monitoring production system & incident handling (On Call)

DevOps Security Engineer

Myabuy LLC

March 2016 — April 2019

Wilmington, Delaware

- Do internal security audit
- Designing Key Management System for message encryption and authentication

- Monitoring production system
- Review technical design document
- Create internal system documentation

Security Analyst

2011 — February 2016

PT. Indocisc

Jakarta

- Application Penetration Testing for financial, government and educational institutions
- Wireless network security review
- Tracing security incident
- Speaker for security training

Web Application Developer

2011 — February 2016

PT. Insan Infonesia

Bandung, West Java

- Risk Ranking Application for INTRAC, 2012
- Komplane : Komputer Log Analyzer for KemKominfo, 2011
- Syariah Insurance Core System for PT. Asuransi Syariah DFI, 2011

Software Engineer Intern

— 2010

Departemen Perhubungan Jawa Barat

Bandung, West Java

- Helping the HRD team to build an internal application

Intern

— 2007

Pt. Telekomunikasi Indonesia

Solo, Central Java

- Network Maintenance at STO (Sentral Telepon Otomat) Palur

TALKS

- | | |
|---|------------|
| • Observability in Go Application using OpenTelemetry, GoJakarta Meetup | 2021-06-23 |
| • Python Django MySQL, Telkom Corporate University Center, Bandung | 2018-07-28 |
| • Hacking demo about Heartbleed and SQL Injection, ITB-Korea Cyber Security Seminar (CYSE), ITB, Sumedang | 2014-06-25 |
| • Network Security and Hacking Seminar, Padjadjaran University, Bandung | 2013-10-12 |
| • Python 101, ICROSS (Indonesia Creative Open Source Software), Balai Kartini, Jakarta | 2013-04-24 |
| • Network Programming: Python Socket Module, Python ID Meetup, Jakarta | 2013-02-23 |
| • Application Security Analysis and Testing, FIRST Technical Colloquium, Padma Resort, Bali | 2012-03-29 |

SELECTED OPEN SOURCE PROJECTS

k6parser

— 2023

Parse and visualize k6 result.

gperf

— 2012

Graphing performance.

- Using sar for collecting system activity information
- Using matplotlib for creating the graph
- export data into csv, and txt(for statistic info)

id-collector

— 2012

A collection of tools for collecting data related to Indonesia.

- Using public data such as Wikipedia

CERTIFICATION

Certified Secure Software Lifecycle Professional (CSSLP), ISC2

No. 450638 [expired]