

Education

- **Binus University** Jakarta
S.Kom / Bachelor of Computer Science 2018 - 2020
 - GPA: 3.8
 - "Development of Meeting Schedule Application Using Genetic Algorithm"
- **Telkom Institute of Technology** Bandung, West Java
A.Md. / Associate Degree Informatics Engineering 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** Purwokerto, Central Java
Rekayasa Perangkat Lunak / Software Engineering 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
- **Text Editor:** VS Code, Vim
- **IaC:** Ansible, Terraform

Experience

- **Stockbit** Jakarta, Indonesia
SRE *December 2022 - current*
 - Focus on system reliability
- **PT Sampingan Mitra Indonesia** Jakarta, Indonesia
SRE Lead *January 2021 - December 2022*
 - Serve as consultant for system design and technical issues
 - Handle security incident & security compliance
 - Create load testing system
 - Create frontend deployment system (simplified Vercel)
- **PT Sampingan Mitra Indonesia** Jakarta, Indonesia
DevOps Security Engineer *June 2019 - Januari 2021*
 - Manage development & deployment flow (CI/CD)
 - Manage ECS & Consul cluster
 - Monitoring production system & incident handling (On Call)
- **Myabuy LLC** Wilmington, Delaware, USA
DevOps Security Engineer *March 2016 - April 2019*
 - Do internal security audit
 - Designing Key Management System for message encryption and authentication
 - Monitoring production system
 - Review technical design document
 - Create internal system documentation
- **PT. Indocisc** Jakarta, Indonesia
Security Analyst *2011 - February 2016*
 - Application Penetration Testing for financial, government and educational institutions
 - Wireless network security review
 - Tracing security incident
 - Speaker for security training
- **PT. Insan Infonesia** Bandung, West Java
Web Application Developer *2011 - February 2016*
 - Risk Ranking Application for INTRAC, 2012
 - Komplane : Komputer Log Analyzer for KemKominfo, 2011
 - Syariah Insurance Core System for PT. Asuransi Syariah DFI, 2011
- **Departemen Perhubungan Jawa Barat** Bandung, West Java
Software Engineer Intern *2010*
 - Helping the HRD team to build an internal application
- **PT. Telekomunikasi Indonesia** Solo, Central Java
Intern *2007*
 - 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 and Publications (github.com/sakti) (gitlab.com/sakti)

- **gperf** Python 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** Python 2012
A collection of tools for collecting data related to Indonesia.
 - Using public data such as Wikipedia
- **sbulletin** PHP 2011
Sbulletin is simple bulletin board php-based webapp with vulnerability.
 - Using simple cookie for authentication
 - Vulnerable for Session Replay, Elevation of privilege, Session Hijacking
- **sudoku-java** Java 2010
Sudoku game using java

Certification

- Certified Secure Software Lifecycle Professional (CSSLP), No. 450638 [expired]