

# Sakti Dwi Cahyono

Diploma in Informatics Engineering

Jl. Cigadung Selatan No.82, Cigadung, Cibeunying Kaler, Bandung

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## Education

- **Binus University** Jakarta  
*S.Kom / Bachelor of Computer Science* 2018 - 2020
- **Telkom Institute of Technology** Bandung, West Java  
*A.Md. / Associate Degree Informatics Engineering* 2008 - 2011
  - 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
  - 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

## Certification

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

## Skills

- **Development:** Go, Python, Rust, C, JavaScript, HTML, CSS, SQL, Java, Kotlin, TypeScript, Ruby, Bash
- **Database:** PostgreSQL (+ postgis), MySQL, MongoDB, HBase
- **CI/CD:** Github Actions, Gitlab CI, Buildbot, Drone CI
- **Cloud Platform:** Amazon AWS, GCP
- **Orchestration:** Amazon ECS, Kubernetes, Nomad
- **Software Configuration Management:** Git, Mercurial, Subversion
- **Text Editor:** VS Code, Vim
- **IaC:** Ansible, Terraform

## Research and Work Experience

- **PT Sampingan Mitra Indonesia** Jakarta, Indonesia  
*SRE Lead* January 2021 - current
- **Binus University** Jakarta, Indonesia  
*Students* 2020
  - "Development of Meeting Schedule Application Using Genetic Algorithm"
- **PT Sampingan Mitra Indonesia** Jakarta, Indonesia  
*DevOps Security Engineer* June 2019 - Januari 2021
  - Manage development & deployment flow
  - Manage ECS & Consul cluster
  - Monitoring production system
- **Myabuy LLC** Wilmington, Delaware, USA  
*DevOps Security Engineer* March 2016 - April 2019
  - Do internal security audit
  - Designing Key Management System
  - Monitoring production system
  - Review technical design document
  - Create internal system documentation
- **PT. Indocisc** Jakarta, Indonesia  
*Security Analyst* 2011 - February 2016
  - Hacking demo about Heartbleed and SQL Injection, ITB-Korea Cyber Security Seminar (CYSE), ITB, Sumedang, June 25th 2014
  - Speaker in Network Security and Hacking Seminar, Padjadjaran University, Bandung, October 12th 2013
  - Trainer Workshop "Python 101" ICROSS (Indonesia Creative Open Source Software), Balai Kartini, Jakarta, April 24th 2013
  - Trainer Workshop "Application Security Analysis and Testing" FIRST Technical Colloquium, Padma Resort, Bali, March 29-32 2012
  - Penetration Testing for financial, government and educational institutions
- **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
  - Created "Aplikasi Kepegawaian"
- **Telkom Institute of Technology** Bandung, West Java  
*Students* 2010
  - Final project "IT Telkom News Map: Aplikasi Pengumpul Berital Lokal IT Telkom Berbasis Web"
- **SMK Telkom Sandhy Putra Purworkerto** Purwokerto, Central Java  
*Students* 2007
  - Final project "Pembuatan Program Penilaian Akademis Siswa"

- Network Maintenance at STO (Sentral Telepon Otomat) Palur

## Selected Open Source Projects and Publications ([github.com/sakti](https://github.com/sakti)) ([bitbucket.org/sakti](https://bitbucket.org/sakti))

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

## Personal

- **Birthdate:** Kebumen, October 1st 1990
- **Hobbies:** Cycling, Futsal, Video Games
- **Social Network:** [facebook.com/saktidc](https://facebook.com/saktidc), [twitter.com/saktidc](https://twitter.com/saktidc), [id.linkedin.com/in/saktidc](https://id.linkedin.com/in/saktidc), [plus.google.com/107982829732107681007](https://plus.google.com/107982829732107681007)([gplus.to/sakti](https://gplus.to/sakti))
- **My Blog:** [www.saktidwicahyono.name](http://www.saktidwicahyono.name)