# Sakti Dwi Cahyono

Bachelor of Computer Science
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**June 30, 2021**
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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

- **GoJakarta Meetup** — Jakarta, Indonesia
  *Observability in Go Application using OpenTelemetry* — June 2021

- **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"

- **PT. Telkomunikasi Indonesia**                                    Solo, Central Java
  *Intern*                                                                      *2007*

  - – Network Maintenance at STO (Sentral Telepon Otomat) Palur

## Selected Open Source Projects and Publications (github.com/sakti) (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, twitter.com/saktidc, id.linkedin.com/in/saktidc,
  plus.google.com/107982829732107681007(gplus.to/sakti)

- **My Blog:** www.saktidwicahyono.name