Sakti Dwi Cahyono
Diploma in Information Engineering

Jl Mangga Dua Gg Akinata no 14 Sukapura, Dayeuh Kolot, Bandung

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54krpl@gmail.com

www.saktidwicahyono.name

Education

- **Telkom Institute of Technology** — Bandung, West Java
  A.Md. / Associate Degree Information 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

Skills

- **Development:** C/C++, Python, JavaScript, HTML, CSS, SQL, Java

- **Database:** MySQL, PostgreSQL (+ postgis), MongoDB, HBase

- **Software Configuration Management:** Subversion, Git, Mercurial

- **Issue-tracking Systems:** Bugzilla, Redmine, Trac

- **Application Framework / Library:** Django, Flask, CodeIgniter, Yii, jQuery, Backbone.js, SQLAlchemy, Gammu

Research and Work Experience

- **PT. Insan Infonesia** — Bandung, West Java
  Web Application Developer — *2011 - present*
  - Syariah Insurance Core System for PT. Asuransi Syariah DFI
  - Komplane : Komputer Log Analyzer for KemKominfo

- **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"

Selected Open Source Projects and Publications (github.com/sakti) (bitbucket.org/sakti)

- **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.

- **pegawai** PHP
  Employee biography data application 2010

  - Store Employee biagraphy data with education / workshop history
  - Search Employee data with conditional filter
  - Statistical Graph with JavaScript

- **Andes** JavaScript, PHP
  Andromeda Delivery System 2010

  - Operator input delivery data with dynamic cost calculation based on distance
  - Tracking shipment
  - Mobile interface for sending personel

- **twitterlike** JavaScript, PHP
  like Twitter clone 2010

  - Clone simple twitter functionality: tweet, reply, retweet, follow

- **sudoku-java** Java
  Sudoku game using java 2010

  - Using nimbus theme for gui

- **bap_imtek** JavaScript, PHP
  Participant attendance book 2009

  - Store check-in and check-out data with participant feedback

Personal

- **Hobbies:** Futsal, Video Games.

- **Social Network:** facebook.com/saktidc, twitter.com/saktidc, id.linkedin.com/in/saktidc, https://plus.google.com/107982829732107681007.

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