

## Education

- **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

## Skills

- **Development:** Python, C, JavaScript, HTML, CSS, SQL, Java
- **Database:** PostgreSQL (+ postgis), MySQL, MongoDB, HBase
- **Software Configuration Management:** Subversion, Git, Mercurial
- **Issue-tracking Systems:** Bugzilla, Redmine, Trac
- **Text Editor:** Vim, Sublime Text 2
- **Application Framework / Library:** Django, Flask, CodeIgniter, Yii, jQuery, Backbone.js, SQLAlchemy, Gammu

## Research and Work Experience

- **PT. Indocisc** Jakarta, Indonesia  
*Security Analyst* 2011 - present
  - 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 - present
  - 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 Purwokerto** Purwokerto, Central Java  
*Students* 2007
  - Final project "Pembuatan Program Penilaian Akademis Siswa"
- **PT. Telekomunikasi Indonesia** Solo, Central Java  
*Intern* 2007
  - 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
- **pegawai** JavaScript, PHP  
*Employee biography data application* 2010
  - Store Employee biography 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, plus.google.com/107982829732107681007(gplus.to/sakti)
- **My Blog:** www.saktidwicahyono.name