

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, 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
 - 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
- **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 KemKominformo
- Risk Ranking Application for INTRAC

- **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. 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
- **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