



Putu Wiramaswara Widya

Curriculum Vitae

Education

- 2011-2015 **Sarjana Komputer / Bachelor of Computing**, *Institut Teknologi Sepuluh Nopember*, Surabaya, GPA – 3.87.
Lulus dengan Pujian / Cumlaude
- 2008-2011 **Senior High School**, *SMA Negeri 1*, Semarapura, Klungkung.
- 2005-2008 **Junior High School**, *SMP Negeri 1*, Semarapura, Klungkung.
- 1999-2005 **Elementary School**, *SD Negeri 1*, Banjarangkan, Klungkung.

Undergraduate Thesis

- Title *Design and Implementation of Platform as a Service (PaaS) to Serve a Multi-Tenancy Application Platform based on Cloud Computing Principle*
- Supervisor I Royyana M. Ijtihadie, S.Kom, M.Kom, Ph.D
- Supervisor II Baskoro Adi Pratomo, S.Kom, M.Kom
- Description This undergraduate thesis design and implement a web-hosting like cloud PaaS platform which support multi-platform web-based application hosting with a multi-tenancy and multi-nodes capability.

Language Skills

- Balinese **Native** ability for Low and Mid-to-High register
- Indonesian **Native** ability in spoken and written form
- Javanese **Basic** Working ability for lower register
- English **Intermediate** Working ability for Writing, Reading, Listening and Reading (IELTS: 6.5)

Computer Skills

- Basic Mobile Apps Programming, C++, Machine Learning, Natural Language Processing, Software Testing

Intermediate	Agile Software Project Management, UX Design, Software Architecture Design, Python, \LaTeX , .NET Framework, Java Framework, Network Design and Management, Penetration Testing, Cisco iOS, Kali Linux
Advanced	HTML, CSS, Javascript, Node.js, Angular.js, Linux OS (GUI and Terminal), OpenOffice.org/LibreOffice

Experience

- 2009-2010 **Writing of BlankOn Linux User Guide**, *BlankOn Linux*, Indonesia.
Wrote a book to guide BlankOn Linux users

Skills Developed:

- Indonesian Standard Spelling System
- Indonesianized Computing Term

- 2008-2010 **ICTKLUNGKUNG.NET team**, *Dinas Pendidikan, Pemuda dan Olahraga*, Klungkung, Bali.

One member of the team which its responsibility was to spread the usage of Information and Communication Technology (ICT) within the education system in Klungkung Regency. The team built a radio-based WiFi network across Klungkung and Nusa Penida islands, spread the usage of Open Source Software (mainly Ubuntu Linux and OpenOffice.org) and gave many seminars and tutorials toward teachers and students

Skills developed:

- Advanced Ubuntu and Debian GNU/Linux
- Advanced OpenOffice.org/LibreOffice
- Elementary Network and Server Configuration with Debian GNU/Linux and Mikrotik
- Teaching and public speaking skills

- 2009-2012 **Balinese and Javanese Unicode Font and Input Method Project**, *BlankOn Linux*, Indonesia.

Developed two fonts for two different Indonesian traditional scripts (which are descendant of Indic Abugida) using newly drafted Unicode standard (5.0-5.2) with smartfont capability using OpenType and SIL Graphite to accommodate complex font rendering mechanism. Also developed each corresponding input method to map a regular QWERTY keyboard into its Balinese/Javanese representation

Skills Developed:

- Familiarity with Unicode and OpenType
- SIL GDL Programming
- Input method programming in GNOME

This development had been presented in many occasional scientific research competition and had been achieved some medals :

- Ranking #1 in Scientific Research Competition (LKIR, Lomba Karya Tulis Ilmiah) at provincial level in Bali, 2009.
- Won a Gold Medal in Applied Science category of Student Scientific Research Olympiad (OPSI, Olimpiade Penelitian Sains Indonesia), 2010.
- Awardee of Student Creativity Program (Program Kreativitas Mahasiswa, PKM), 2012 batch.

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2012-2014 **Member of Student Union**, *Himpunan Mahasiswa Teknik Computer (HMTTC)* ITS, Surabaya.

Active member of student union which its body is responsible for internal and external student affair between/to Informatics Engineering Department of ITS. For the first year (2012), had been a member of Research and Technology Department which provide and organizes a scientific writing seminar towards Student Creativity Program (mainly) and any others writing occasion.

Skills Developed:

- Basic Event Organizing
- Team Working

2013-now **Some Random Project**, *Dwipasawitra*, Surabaya.

A small group consisting of myself (as Project Manager), Ivan (as Mathematician and Analys), Ali and Haidar (as programmer) who had been conducted series of software projects (paid project and student task project) using newly-learned and experimented language platform. We are notorious for choosing anti-mainstream method to develop a software which mainly web-based. The name of **Dwipasawitra** is came from port-manteu *Dwipa* (Sanskrit for Island) and *Sawitra* (High Balinese for "Friend").

Skills Developed:

- Python and Node.js programming
- Server and Client based Javascript
- Applied Software Management
- Agile, Extreme Programming and Scrum
- Requirement Analysis
- Rapid Prototyping
- Software Documentation Management

Some of our portfolios can be seen on <http://wirama.web.id/my-portofolio/>

2015-now **Sistem Kenaikan Pangkat Pegawai**, *Dinas Pendidikan*, Kota Surabaya.

With a small team consisting two programmers, I have build an employee rank management system which will be used within state-owned elementary and high schools in whole Surabaya City. Using my own idea to reduce the traffic and processing on the server-side, we managed to use Single-Page Javascript Application pattern using Angular.js for its interface.

Skills Developed:

- Laravel Framework
- Single-Page Javascript Application
- Advanced Angular.js

Interests

- Calisthenics
- Electronic Music
- Reading e-book
- Politics
- Geography
- Vegetarian Cooking
- Gadget Hacking
- Psychology

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