Randy Widialaksono *Computer Engineer*

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Summary

Industrial experience in microprocessor design: computer architecture and physical design; with emphasis on software development. Formal background in electrical/computer engineering. Fields of interest include FPGA prototyping and efficient machine learning.

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Experience

Intellecap/ISTPL — MUMBAI, PUNE & HYDERABAD, INDIA

IT Consultant — *Nov '08 – Feb '09*

Intellecap is a social-sector advisory firm serving corporates, non-profits, development agencies and governments working in developing markets. I assessed their software development team and methodologies, trained their developers and build several web applications. One of those apps is Mostfit, an open source MIS for microcredit lenders.

Opendream — BANGKOK, THAILAND

IT Consultant — *Aug '09 – Sep '09*

Architected and largely implemented an open source media sharing web service (REST api) that facilitates video uploads, transcoding and streaming. Coached their development team on system design, Ruby development (using Merb/Rails) and testing strategies such as TDD/BDD.

Please refer to my Linkedin profile for the complete list of work experiences along with recommendations.

Education

Erasmus University Rotterdam — ROTTERDAM, THE NETHERLANDS

Bachelor degree in Computer Science & Economics — *2004 – 2007*

Focussed on the economics of open source, rapid application development (RAD) and the semantic web technology stack (RDF/RDFS, OWL and SPARQL).

Technical University Delft — DELFT, THE NETHERLANDS

Industrial Design Engineering (discontinued) — *2001 – 2002*

Libanon Lyceum — ROTTERDAM, THE NETHERLANDS

VWO (pre-university secondary education) — *1994 – 2000*

Skills

Technical specialties: Software design and implementation, with(in) a team. I love Ruby/Python/Java/C++ and flirt regularly with Haskell. Solid knowledge of web technologies: HTML+CSS, XML, RDF, REST, SOAP and JavaScript (mainly jQuery). Linux administration skills: bash, Apache, MySQL, PostgresSQL, virtualization/cloud (OpenVZ, VMware, KVM, Xen and EC2), datacenter automation (Puppet and Chef), continuous integration (Hudson/Jenkins).

Natural languages: Dutch (*mother tongue*), English (*full professional proficiency*), German (*limited working proficiency*), French (*elementary proficiency*) and Mandarin Chinese (*beginner*).

Interests

Non-exhaustive and in alphabetical order: Art, Buddhism, cryptography, music, open source, philosophy, software engineering, travel, typography (e.g. graphic design, LaTeX), UI/UX and vegetarian cooking.