I Made Sanadhi Sutandi *Last Updated on : 7th October, 2017*

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SUMMARY
- Neophile, easy-going, extroverted and DIY (Do-It-Yourself) person
- Solid Background in Cloud Computing (AWS), Computer Networks, Linux Systems
- Strong motivation and interest for large-scale and complex computing system

EXPERIENCE

SEPT- 2017

EPFL, Lausanne, Switzerland
Fellowship, Master Student Project
Developing *Container-as-a-Service* in EPFL's Cloud Infrastructure and implementing monitoring systems to accurately report resources utilization of every container accross cluster.
Highlights: *Kubernetes, Docker, cAdvisor, Heapster, Influxdb, Django REST*

OCT 2016-JUL 2017

AIRYROOMS, Jakarta, Indonesia
Infrastructure and DevOps Engineer, Full-time
Built company's cloud infrastructure in AWS, created release pipeline for deploying applications, designed deployments using kubernetes in production environment, implemented application and instance monitoring system, and established *Infrastructure-as-a-Product* for B/G ALB.
Highlights: *AWS EC2, VPC, VPG, ELB, RDS, ECR, Memcached, Ansible, Shell, Kubernetes, Docker, Jenkins CI, Elastic Stack, Collectd, Grafana, Nginx*

JUN-AUG 2016

CERN, Geneva , Switzerland
Openlab Summer Student, Internship
Evaluated the Oracle Traffic Director (OTD) 12.2.1 in CERN High Availability Web Ecosystem, implemented automation scripts for OTD's installation and configuration, and wrote the evaluation report to CERN's IT-DB-IMS.
Highlights: *OTD, Oracle Fusion Middleware, Oracle WebLogic, Oracle Coherence, Python, Jython, RHEL, RPM, Apache JMeter*

JAN-MAR 2016

PT. JASA TEKNOLOGI INFORMASI - IBM, Jakarta, Indonesia
Application Developer, Internship
Created a web application for internal employee usage.
Highlights: *PHP, MySQL, LDAP*

JUN-AUG 2015

PT. MIDTRANS, Jakarta, Indonesia
Quality Assurance Software Engineer, Internship
Improved the testing program to evaluate company's payment application in order to ensure the quality of company's services.
Highlights: *Ruby on Rails, RSpec, Turnip, Selenium WebDriver, Rails Spring, TDD*

EDUCATION

2017-2019

Master in Computer Science - EPFL, Lausanne, Switzerland
Specialization: *Internet Computing*

2012-2016

Bachelor in Computer Engineering - UNIVERSITAS INDONESIA, Jakarta, Indonesia
Specialization: *Computer Networks & Software Engineering* | Advisor: Prof. Riri Fitri Sari
GPA: 3.92/4.00

LANGUAGES

ENGLISH: Proficient, IELTS 7.0/9.0 (CEFR C1), 2016
INDONESIAN: Native
BALINESE: Native

Skills

Programming	Python, Shell, Java, C++, PHP, SQL
Systems	Linux, OS X, Windows, Git, NFS, Virtualization (Proxmox, VirtualBox)
Networking	TCP/IP Layer, OSI Layer, Cisco CCNA R&S, VPN
DevOps	Web Servers, Load Balancers (Apache Httpd, Nginx, Tomcat), Canary, B/G Dep. Ansible, AWS-CLI, Filebeat, Metricbeat, Elasticsearch, Logstash, Kibana, Collectd Kubernetes, Docker, Grafana, Influxdb, Heapster, Stackdriver, Jenkins
Misc	Scrum(Agile) & Kanban Development, UML, Microsoft Office, LaTeX

Awards and Scholarships

2016	**Young Indonesian with International-level Achievement** *Ministry of Youth and Sports of Indonesia*
2016	**Valedictorian of Engineering Faculty** (Highest GPA in Engineering Faculty) *Universitas Indonesia*
2016	**Top 3 Most Outstanding Students** *Electrical Engineering Department, Universitas Indonesia*
2015	**Panasonic Scholarships** (Outstanding Engineering Student in Indonesia) *PT. Panasonic Manufactoring Indonesia*
2015	**Third Place - Regional Robotics Competition** (Art of Dance Robot) *Ministry of Research, Technology, and Higher Education of Indonesia*

Assistantships

Feb - Jun 2016, Lab Assistant, *Object-oriented Programming with Java*
Cisco Networking Laboratory, Faculty of Engineering, Universitas Indonesia

Aug - Dec 2015, Lab Assistant, *Computer Networks (Cisco CCNA RS 1-3)*
Cisco Networking Laboratory, Faculty of Engineering, Universitas Indonesia

Aug - Dec 2014, Lab Assistant, *Database System (SQL, PostgreSQL)*
Cisco Networking Laboratory, Faculty of Engineering, Universitas Indonesia

Feb-Jun 2014, Teaching Assistant, *Linear Algebra*
Faculty of Engineering, Universitas Indonesia

Aug - Dec 2013, Teaching Assistant, *Calculus*
Faculty of Engineering, Universitas Indonesia

Interests and Activities

Technology, Programming, Open-source
Team management, Leadership, Sharing Knowledge, Teaching, Brainstorming
Badminton, Travelling, Photography

Quotes

Your biggest sin is that you do not dare to dream high (My quote)
A smooth sea never made a skilled sailor (Franklin D. Roosevelt)