

Gandeva Bayu Satrya, Ph.D

SUMMARY

Gandeva Bayu Satrya is a Ph.D in security communication for next generation networks, graduated from IT Convergence Engineering, School of Electronic Engineering, Kumoh National Institute of Technology, South Korea in December 2018. He has been a lecturer and researcher at School of Applied Science in Telkom University, Bandung, Indonesia since 2011 until now. His areas of expertise are Android forensics, routing protocol, packet scheduling, and security communication in next generation network.

PERSONAL DETAILS

Name : Gandeva Bayu Satrya
Nationality : Indonesian
Place and Date of Birth : Gunung Madu, January 27th, 1985
Sex : Male
Hobbies : Traveling, Browsing, and Swimming
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EDUCATIONAL BACKGROUND

- **Bachelor of Engineering (GPA: 2.89 of 4.00)**
Teknik Informatika, Telkom University, Bandung, Graduated in March 2008
- **Master of Engineering (GPA: 3.76 of 4.00)**
Magister Informatika, Telkom University, Bandung, Graduated in June 2012
- **Philosophy of Doctor in Communication Security (GPA: 4.38 of 4.5)**
Doctor of Philosophy, IT Convergence, School of Electronics Engineering, Kumoh National Institute of Technology, South Korea, Graduated in February 2019.

WORKING EXPERIENCES

▪ **Analyze and Design The Computer Network**

Organization : **Agency for Assessment and Application Technology**

Project Name : **Network Optimization**

Employment Period : **July – August 2006**

Roles and Responsibilities

- Designing The Computer Network
- Make a schedule and target about Quality of Service
- Analyzing and Evaluating Bandwidth, Packet Losses, and Response Time
- Monitoring the Queuing Discipline of the Network
- Weekly report to Chief Information Technology and Computer

▪ **BSS Engineer**

Organization : **PT. ZTE Indonesia**

Project Name : **Secondary NTA Phase Project (DCS TSEL BALI-NUSRA)**

Employment Period : **August 2008 – November 2009**

Roles and Responsibilities

- Site Engineering Survey (Site Readiness Classification).
- Making TSSR and Design Pack Report.
- Receiving materials from Logistics on Site.
- Supervising installation on Site.
- Commissioning in BTS and BSC.
- Cross connect link BTS, BSC, and MSC.
- Troubleshooting in BTS and BSC.
- Configuring TRAU/iTC.
- Configuring BTS in BSC.
- Operational and Maintenance in BSC and TRAU/iTC.

▪ **BSS Engineer (Acting PC)**

Organization : **PT. ZTE Indonesia**

Project Name : **SDR 3G Trial Iu Over Satellite Project (TSEL SUMALPUA)**

Employment Period : **November 2009 – December 2010**

Roles and Responsibilities

- Site Engineering Survey (Site Readiness Classification).
- Supervising Installation ZXWR RNC 3G.
- Supervising Installation ZXSDR 3G.
- Debugging and Commissioning ZXWR RNC.
- Debugging and Commissioning ZXSDR BTS 3G.
- Configuring CISCO Router 2811 and Switch 2950.

▪ **Lecturer**

Organization : **Telkom University**
Employment Period : **January 2011 - Now**
Roles and Responsibilities
– Computer Network
– Computer Security
– Computer Forensics

▪ **Network and Security Analyst**

Organization : **PT. Belsistem Integrasi Indonesia**
Employment Period : **January 2015 - Now**
Roles and Responsibilities
– Network and System Analyst
– Network Security Analyst

PAPER & RESEARCH PUBLISHED

- <https://scholar.google.com/citations?user=SC3PyNcAAAAJ&hl=en>

TEACHING/INSTRUCTOR EXPERIENCES

- * July 2006 –February 2008
Subtitute Lecturer
Subject of Computer Network.
Telematika dan Operating System Laboratory, Informatics Engineering Department, Sekolah Tinggi Teknologi Telkom, Bandung.
- * July 2006 – February 2008
Instructor
Subject of Computer Network.
Sistem Komputer dan Jaringan Komputer Workshop,
Sekolah Tinggi Teknologi Telkom, Bandung
- * January 27th 2010 – February 5th 2010
Trainer
Subject of WCDMA Technology.
Introducing and Installation new equipment SDR WCDMA Technology,
ZTE-STT Asian Pacific R&D Training Centre, Bandung

COMPUTER ABILITY

- Application : Ms Word, Ms Excel, Ms Power Point, Ms Visio.
- Programming Language : Java
- Database : Oracle 8
- Operating System : UNIX, LINUX, and Windows OSs
- Networking : Know well Network Concept, Network Designer especially in Network Simulator, and Implementing & Setting Network.
- Digital Forensics : Android Forensics and Radio Cell Forensics.

OTHER ABILITY

- * Cisco Certified Network Associate/Professional.
- * GSM/UMTS/LTE Theory.

LANGUAGE ABILITY

- Bahasa Indonesia : Native
- English : Average (TOEFL iBT 97)

RELEVANT TRAINING

- * **Level A of GSM-BSS V3** – ZTE University, Shanghai China, October 13rd – 28th 2009.
- * **Level A of GSM-BSS V3** – ZTE University, Shanghai China, October 13rd – 28th 2009.
- * **Implementing CISCO IP Switched Network** - CCNP Switch (CCNP 642-813), Informat, Bandung, June 4-22 2013.
- * **Implementing CISCO IP Routing** - CCNP Route (CCNP 642-902), Informat, Bandung, December 15-29 2012.
- * **Wireless Network Standard Work Flow, Responsible & Duty BSS Engineer, and Principle and Implementation CDMA** – ZTE Indonesia, July 4th – 22nd 2008.
- * **Cisco Certified Network Associate Certification (CISCO ID : CSC011226074) – CISCO Systems**, May 25th 2007.
- * **Cisco Networking Academy Program (A0609.35)** – InformIT, Bandung, January – April 2007.
- * **Discussion and Publication of IARD Riset Laboratorium - STT Telkom, Bandung**, Mei 27th 2006.
- * **Open Source Seminar with Echo Team** - STT Telkom, Bandung, March 19th 2006.
- * **Network Security Conference** – Institut Teknologi Bandung, Bandung February 18th 2006.
- * **Security Over Wireless LAN** - STT Telkom, Bandung, September 10th 2006.

- * **Setting PC and Instalation Operating System with Configuration Wireless Network Workshop with PC Plus Tabloid** - STT Telkom, Bandung, September 5th 2005.

ORGANIZATION INVOLVEMENT

- Chief of Perhimpunan Mahasiswa Lampung Telkom University.
- Member of Badan Perwakilan Mahasiswa Informatika 2004 of STT Telkom. Duration 2004-2005.
- Committee on Freshmen Orientation Informatics 2004 Program in STT Telkom. August 2004.
- Committee on the 17th PIMNAS 2004 in STT Telkom. July 2004.
- IEEE Membership since February 2012 (Student Member 2012, Member 2018).
- KICS Membership since May 2015 (Senior Researcher).

REFERENCES

- Professor. Soo Young Shin, Ph.D (wdragon@kumoh.ac.kr)
Chief of WENS Laboratory in Kumoh National Institute of Technology.
- Ignatius Wiseto Agung, PhD. (+62 85220320007)
VP Media & Digital Strategy and Development, Telkom Indonesia.
- Rahmadi Budiman, MT. (cascadiant.rahmadi@gmail.com)
Managing Director PT Cascadiant Indonesia.

I hereby state that all of the information written here are true.
Bandung, March 4th, 2019

(Gandeva Bayu Satrya, Ph.D)