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EDUCATION

BANDUNG INSTITUTE OF TECHNOLOGY (ITB), Indonesia, Informatics Engineering, School of Electrical Engineering and Informatics, 2017 – Present. Core Team of *Google Developer Student chapter ITB*. Member of Amateur Radio Club (Networking), Cyber Security Community, and Data Mining Community.

EXPERIENCES

Chatbiz.id (Dec 2018 – Present) as **Backend Developer Internship**. Rebuilt chatbiz platform from *monolith architecture* into *microservices architecture*. Built Natural Language Processing service with wit.ai. Integrating RajaOngkir API with chatbiz delivery service. Docker, Node.js, Express.js, Restify.js, MongoDB, Redis.

PROJECTS

- **Small** (2019). *Self study project*. Built simple online blogging platform with *microservices architecture* using Docker Swarm, Spring (Java), Apache Kafka, Consul, MongoDB, and Redis.
- **Rango** (2017). *Project Based Learning by Tango with Django Book*. Built a web application with Bing API using HTML, CSS, Javascript, Django (Python), and PostgreSQL.
- **Followerion**. (2012). *10.000 active Twitter accounts*. Built Twitter Bot Scheduler that can tweets, favorites, retweets, and follows automatically with Twitter API using HTML, CSS, Javascript, PHP, and MySQL.

ACHIEVEMENTS

- **Finalist, Jenius Hackathon 2019** (2019) by Jenius Co.Create.
- **1st Place, Capture The Flag Inkubator IT Competition** (2018) by Informatics Engineering Student Association (HMIF) ITB.
- **5th Place, Data Mining Inkubator IT Competition** (2018) by Informatics Engineering Student Association (HMIF) ITB.
- **Honorable Mention, ACM-ICPC Region Asia Jakarta – Indonesia National Contest** (2017) by BINUS University.
- **1st Place, Computer National Science Olympiad Reginal Bekasi** (2016) by Ministry of Education and Culture of the Republic of Indonesia.
- **Finalist, Bina Nusantara Programming Contest for High School Students** (2016) by BINUS University,
- **Semifinalist, Computer Problem Solving Competition Pesta Sains Nasional** (2016) by Bogor Agricultural Institute (IPB).

ADDITIONAL INFORMATION

SKILLS
- **PROGRAMMING LANGUAGES**, Java; Go; JavaScript; Python; PHP; C/C++; Haskell; Pascal; Dart; Ruby; and Perl.
- **DEVOPS**, Docker Swarm; Consul; and Git.
- **DATABASES**, MongoDB; Redis; PostgreSQL; MySQL; MariaDB; SQLite.
- **OTHERS**, Flutter; Firebase; Progressive Web Apps; and Bootstrap.

INTERESTS
- **DATA SCIENCE**, Artificial Intelligence; Machine Learning; and Big Data. Currently taking classes on *DataCamp*.
- **CYBER SECURITY**, Cryptography; Web; Forensic; Reverse Engineering; Binary Exploitation; and Misc. *Love Assembly language!*

LANGUAGES, Indonesian (Native); English (Professional Proficiency); and German (Basic).