Muhammad Fachry Nataprawira

Software Engineer Intern at BukaLapak

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Summary

Am a Computer Science student. I love learning new things and I am deeply interested in technology, especially Information Security. I love playing CTFs and dream of being a good white hat hacker.

Experience

Software Engineer Intern, Backend
Jul 2019 - Sep 2019

BukaLapak

Anti-Fraud Squad

- Developing new features

- Maintaining legacy codes

- Migrating APIs to microservices

Used Technologies: Ruby&rails, Go, mongoDB, MySQL, Docker.

Software Engineer, Backend
Jul 2018 - Jan 2019

AdaTeman

Create a Borrow and Lend Transaction API, using Django REST Framework. Setting deployment using Docker, and Dokku on VPS. Managing API's image. Maintain the codes and deploy them to VPS using Dokku and Docker.

Software Engineer, Backend (Intern)
May 2018 - Aug 2018

Kapital Boost

Create new features for members to withdraw balance system, revamp admin and member pages, using PHP and MySQL.

Member of Network Security and Operating System SIG
Feb 2019 - Des 2019

RISTEK Fakultas Ilmu Komputer, Universitas Indonesia

Learns about network security and operating system, develops a system, participates in online and onsite Capture The Flag competition.

Staff of Project Development Division
Jan 2018 - Dec 2018

BEM Fakultas Ilmu Komputer, Universitas Indonesia

Project Development BEM Fasilkom UI takes requests from customers to make a website based on consumer's needs, the profit is taken by BEM Fasilkom UI for executing BEM Fasilkom UI's activities.
I'm assigned building Back-end Engineer System, and Databases. Used Technologies: PHP, Laravel, MySQL.

Projects

Mandiri Centralized Calculator System   Mar 2019 - Jul 2019

Mandiri Tunas Finance

Creating tool for Mandiri Tunas Finance that generates price list of leasing.

CarBeON API   Sep 2018 - Oct 2018

CarBeON

Build CarBeON's API service, revamp database schema from legacy to a new one. Create a search method to search for a car workshop. Used Technology: Node.js, Express.js, Sequelize, PostgreSQL

HMIK FISIP UI Website   Feb 2018 - Mar 2018

Project Development, BEM Fasilkom UI

Create a Back-End System (CRUD, Models) for Himpunan Mahasiswa Ilmu Komunikasi Universitas Indonesia.

Used Technology: Laravel & PHP, MySQL

Vendoor Website   Feb 2018 - Apr 2018

Project Development, BEM Fasilkom UI

Create a Back-End System (CRUD, Models) for Vendoor Websites.

Link: http://vendoor.co.id

Used Technology: Laravel & PHP, MySQL

SMA Negeri 3 Jakarta Website   Jan 2018 - Mar 2018

Project Development, BEM Fasilkom UI

Full Stack Developer: Create a Back-End System (CRUD, Models) and Front-End using bootstrap for SMAN 3 Jakarta.

Used Technology: Laravel, MySQL

Education

Bachelor of Computer Science   2017 - Present

Universitas Indonesia

Current GPA: 3.70/4.00

Awards

3rd Winner Capture The Flag Ristek Festival   2018 - 2018

Ristek, Fakultas Ilmu Komputer, Universitas Indonesia

3rd Winner of Capture The Flag (Hacking and Information Security Competition). Held by Ristek Fakultas Ilmu Komputer, Universitas Indonesia

Finalist Informatics Olympiad   2017 - 2017

HIMA ILKOM UNNES

Top 10 Informatics Olympiad Finalist, Competition held by HIMA ILKOM UNNES, Semarang

2nd Winner Robotic Contest   2016 - 2016

Physics Expo, Institut Pertanian Bogor

Robotic Contest is a robotic competition held by Himpunan Mahasiswa Fisika, Institut Pertanian Bogor

Computer Skills

Web Development, Linux, Docker, Information Security, Operating System, Networks

Volunteer Experience

Staff of Capture The Flag Competition   Feb 2018 - Sep 2018

COMPFEST

Capture the Flag (CTF) is a special kind of information security competitions. Kind of Challenges: Web Hacking, Forensics, Reverse Engineering, and Binary Exploitation.

Vice Project Officer   May 2018 - Nov 2018

Open House Fasilkom UI 2018

In charge of the event, making coordination with Project Officer. Creating the event theme and concept and coordinating with Documentation, Operational, and Liaison Officer Division.