

BOY SUGIJAKKO

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ABOUT ME

A dedicated, hardworking, responsible, and loyal individual with 3 years of experience working, developing, and maintaining web applications as a System Analyst. Committed to continuous learning and professional development with a passion for technology. Keen on sharing knowledge and best practices with colleagues.

EXPERIENCE

OCT 2022 – PRESENT

SENIOR SYSTEM ANALYST, BINA NUSANTARA IT DIVISION

- Enhance and maintain an application used to support online and onsite examination process in Bina Nusantara University.
- Enhance and maintain an application used to support student grading process in Bina Nusantara University.
- Resolve technical difficulties encountered by students and staff during examinations.
- Collaborate with programmers to develop API used in applications.
- Manage application development and enhancement timeline.
- Optimize existing applications to improve user experience and reduce system load.
- Provide documentation (Data Flow Diagram, Entity Relationship Diagram, and Deployment Documents)

OCT 2021 – OCT 2022

SYSTEM ANALYST, BINA NUSANTARA IT DIVISION

- Develop and maintain an application used to control access to Bina Nusantara University campuses in response to the COVID-19 pandemic.
- Maintain an application used to support online examination process in Bina Nusantara University.
- Debug, fix, and enhance SQL Stored Procedures used in application to fetch data from database.
- Analyze requirements based on user needs.
- Collaborate with programmers to develop new features on existing applications.
- Collaborate with programmers to enhance applications to fit new user needs.
- Trace errors caused by incorrect data on database.

MAR 2020 – OCT 2021

JUNIOR SYSTEM ANALYST, BINA NUSANTARA IT DIVISION

- Assist seniors on solving application errors.
- Assist users with problems on application usage.
- Assist seniors in maintaining an application used to support online examination process in Bina Nusantara University.
- Collaborate with programmers to debug applications.

EDUCATION

JUN 2022 – PRESENT

MA IN COMPUTER SCIENCE, BINA NUSANTARA UNIVERSITY (**3.9 GPA**)

Thesis title: “Lightweight Face Recognition-Based Portable Attendance System With Liveness Detection”

SEP 2018 – JUN 2022

BA IN COMPUTER SCIENCE, BINA NUSANTARA UNIVERSITY (**3.74 GPA**)

Thesis title: “Masked Face Recognition for a Lightweight School Attendance Management System during COVID-19 Pandemic”

SKILLS

- SQL
- Python
- Machine Learning
- Computer Vision
- Django
- Flask
- Docker
- Information Technology
- System Testing
- System Analysis
- Analytical Skills
- Internet of Things