

HANSA HALIM



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/in/hansahalim



hansahalim



Technical Skills

Languages:

C • C++ • Go • JavaScript • HTML • CSS • Bash • SQL

Technologies & Frameworks:

REST API • MySQL • Git • Postman • NextJs • jQuery • Linux • UNIX



Achievements

MLH StarterHacks 2019 Hackathon
Winner for Best Internet of Things award.

Computer Science Award for being the top student in our high school.

International Experience Award for an Impactful Internship Abroad.

President's Scholarship by the University of Waterloo.



Activities & Interests

Ambassador Representative for the Faculty of Mathematics in Fall 2017.

President of the Indonesian Students' Association at the University of Waterloo for Fall 2018.

Volunteer Web Developer for Mon Sheong Foundation in Spring 2018.

Skiing and Aviation Enthusiast.



Education

University of Waterloo

Candidate for Bachelor of Mathematics (Sep. 2017 - Present)

EXPERIENCE

SOFTWARE ENGINEER INTERN

TOKOPEDIA | MAY 2019 - AUGUST 2019

- Developed dynamic data processing for credit card products which allows our Business team to add new banks, credit cards and promotions instantly instead of the previous 1 business day.
- Optimized data processing for Insurance products by improving SQL queries which leads to 1000 times faster processing.
- Collaborated in a Scrum Agile team to implement and improve various Fintech products at an e-commerce startup valued at 7 billion US dollar.
- Automated the creation and query of insurance policies with partner companies using their partner API.

PROJECTS

FLUENT.ID | NEXTJS, REACT, JAVASCRIPT, HTML

FRONTEND ENGINEER | JUNE 2019 - PRESENT [VIEW](#)

- Fluent is an anonymous platform which allows people to practice English via peer to peer voice calls.
- Created a Live Translation feature that allows users to translate text in Real-Time using Google Translate API.
- Created various pages such as profile, review, report, call details, and more using React and NextJS.
- Implemented Analytics system to track unique visitors to our website and mobile app.

REAL TIME MOBILE QUEUEING SYSTEM | JAVA, XML

SOFTWARE DEVELOPER | JANUARY 2019 [VIEW](#)

- MLH Hackathon Award Winning Project that lets the user line up for a service without having to be physically present.
- Successfully integrated Google's Firebase Real Time Database to connect services and clients.
- Implemented the QR Code scanning and matching mechanism using ZXing library.
- Led and collaborated in a team of 4 to critically think of solutions to numerous bugs and difficulties.
- Currently under development for a bubble tea franchise.

GOOSENEST | NEXTJS, REACT, ANDROID

SOFTWARE DEVELOPER | SEPTEMBER 2019 [VIEW](#)

- GooseNest is an anonymous social network for your apartment where people who live in the same building can talk to each other, ask for help, and borrow stuffs.
- Created chat screen that will push new messages to our server and retrieve all new messages.
- Created Reddit-like threads for announcements.
- Submitted to Hack The North 2019 Hackathon.