

SKILLS

- **Languages:** C++, Golang, Python, SQL
- **Technologies:** MySQL, TiDB, Redis, Kafka, Grafana, Prometheus, gRPC, AWS
- **Soft skills:** Problem solving, Mentoring, Time management, Collaboration

EXPERIENCE

- **Shopee** Singapore
Senior Software Engineer Mar 2021 - Present
 - Worked on the Shopee x DBS Coin integration project, responsible for maintaining the Shopee user's coin wallet and transaction system, processing 20K transaction daily. Implemented enhancements to the reconciliation automation service, significantly reducing the need for manual intervention.
 - Worked on the Flash Sale promotion project, where I focused on enhancing the performance of a critical API (1M QPS) by implementing a new Cache strategy. This optimization resulted in a 35% reduction in latency (P99)
 - Mentored 2 team members, actively conducting code reviews, technical design reviews, and sharing technical knowledge within the team.
- **Xfers** Singapore
Senior Software Engineer Mar 2020 - Mar 2021
 - Developed Single Sign On system from the ground up, and migrated from the current system with zero downtimes. Scaled the services to served over 12M end-users and over 300K registered business in SEA.
- **TJTech** Hanoi, Vietnam
Software Engineer Jun 2018 - Mar 2020
 - With limited of resource and time, built the whole crypto trading platform from the ground up.
 - Responsibility for the Core modules (Matching Engine, Market Maker, Price Engine). Elvoled from a simple design to scalable and robust system, which can serve 30K transaction per second.
 - Interviewed, onboarded and mentored new hires, help company scale from 0 to 15 engineers.
- **Coc Coc** Hanoi, Vietnam
C++ Software Engineer Jun 2017 - Jun 2018
 - Forked and develop specialise-for-Vietnamese-market features from Chromium open source.
 - Implemented the transfer file between devices feature using WebRTC, which increased 20 thousands of downloaded in just 2 weeks after launched.
 - Spotted a legacy issue and improved it to reduce the browser loading time of 10%.
- **Toshiba** Hanoi, Vietnam
Software Engineer May 2015 - Jun 2017
 - **Railway ticket vending machine:** Developed and shipped the software used to sale the railway ticket in Japan.
 - **Tokyo broadcasting system:** Led a sub-team (4 members), which responsible for the module to delivery control message from operator to devices. With the successful of the project, customer decided to expand the business to more than 15 similar systems.
 - Proposed idea and helped teams migrate from SVN to Git, which boosted the productivity and reduced potential loss/inconvenience for dev.
 - Received best team awards for 2 continuous term (2015B and 2016A)

EDUCATION

- **FPT University** Hanoi, Vietnam
Bachelor of Engineering in Software Engineering; GPA: 7.2/10.0 Sep. 2010 – Feb. 2015

HONORS & AWARDS

- Nguyen Van Dao Scholarship (2010)
- Third prize, Vietnam Olympiad in Informatics (2010)
- Incentive prize, Vietnam Olympiad in Informatics (2009)
- Vallet Scholarship (2007,2008,2009)