

# Prem Phansuriyanon

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## EDUCATION

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### Thammasat University

Bachelor of Business Administration (Finance, International Program)  
Yonsei International Summer School, Seoul, South Korea (2019)

**Bangkok, Thailand**

Aug 2016 – May 2020

### Bodindecha (Sing Singhaseni) School

Highschool - Physical Sciences

**Bangkok, Thailand**

May 2009 – Apr 2016

## LINE MAN WONGNAI: SOFTWARE ENGINEERING

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### Software Engineer

**Feb 2024 - Present**

- **LMWN Fleet** - Work on fleet back-end services, cron jobs, and data pipelines to support new features or improve SLA and uptime availability
- **On-call** - Standby during on-call shifts to resolve production issues as they occur. This involves whole of fleet back-end and other teams such as operations and LMWN Food engineers

## KBTG (KSoft): SOFTWARE ENGINEERING

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### Software Engineer

**Oct 2023 - Feb 2024**

- **Go back-end applications** - Wrote back-end microservices for a new app from KBank
- **Go squad lead and reviewer** - Led Go development team, because of my advanced Go experience. I also write shared libraries and initialize code wireframe for the team, as well as review code from less experienced team members.

## CLEVERSE CORPORATION: SOFTWARE ENGINEERING

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### Software Engineer

**Oct 2021 - Oct 2023**

- **Go, Rust, and TypeScript back-end applications** for DEX aggregator [swap.arken.finance](https://swap.arken.finance).
- **Sole data engineer** - Designed data storage, pipelines, and wrote the data pipelines with [Apache Beam](#) (Python SDK) for processing blockchain data in real-time. The pipeline is deployed to Google Cloud Dataflow, and can handle both batch and streaming inputs.
- **Sole platform engineer** - Maintained VPS servers for development and production purposes, self-hosted blockchain nodes (4-5 chains) and other DevOps activities.

### Back-end Programming Instructor

**Feb 2023 - Aug 2023**

- Design and teach back-end programming (in TypeScript) at [Cleverse Academy](#).

## OTHER EXPERIENCE

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### My Other Software Projects

- [Go library for blockchain indexing](#), complete with test suites and real world examples.
- Minimal and high performance [Rust trie \(data structure\) library](#) based on built-in hash maps.
- Utilities, e.g. AES-256 encryption utility programs - [one in Rust](#), [one in Go](#), and [one in Python](#)

**Programming languages (sorted by experience):** Go, Rust, TypeScript, Python, C, C++

**Interests:** Computers, Software, Data Structures Cybersecurity, Science, Engineering, Linguistics, History