

**Bui Chi Kien**  
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## EDUCATION

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- **University of Science, VNUHCM**  
*Bachelor of Computer Science; GPA: 8.0/10.0*

Ho Chi Minh City, Vietnam  
*Aug. 2014 – Dec. 2018*

## EXPERIENCE

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### VNG Corporation

*Senior Software Engineer*

*May 2019 - Present*

- **vCloudcam:** vCloudcam is a Software as a Service system, primarily used for centralized camera management, including live view, playback, AI processing and alarms,... Worked on APIs and performance for processing AI data, design and implementation of notification systems, and implementation of video player on desktop applications.
- **IoT Hub:** IoT Hub is a system that allows you to create, manage, and monitor your IoT devices. Designed to be a central hub for all your IoT devices, IoT Hub provides a central location for all your IoT devices to communicate and interact with each other. IoT Hub is a solution for managing IoT devices and services. Worked on performance and scalability of IoT Hub, design and implementation of processing data and communication of devices.

*Software Engineer*

*Nov 2017 - Apr 2019*

- **IoT Lab:** Research on IoT platforms and devices, including Raspberry Pi, Arduino, IoT protocols,... to serve smart home systems and VNG Campus.

### Taxbook.vn

*Software Engineer*

*Sep 2020 - Sep 2021*

- **Portal Management:** Service for managing portal, including users, roles, permissions, accountants, companies, contracts,... management.
- **Notifications:** Service for sending email, push and in-app notifications. Involved in features such as tracking user activity, contract reminders, and other notifications.

## PROJECTS

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- **Telegraf Plugin:** Open source golang plugin for collecting and processing metrics for MongoDB.
- **VerneMQ Plugin:** Open source Erlang plugin of VerneMQ, for bridging data from VerneMQ to Kafka.
- **Music Player:** Music and Movie player application on desktop for learning FFMPEG and QT Framework.

## PROGRAMMING SKILLS

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- **Languages:** Go, C/C++, Python, Rust, Javascript
- **Technologies:** Kafka, Apache Spark, Apache Flink, Docker, Kubernetes