

# SITTI PONG JONGRUNG SUMRAN

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## PROFILE

Computer Science graduate from Kasetsart University, Kamphaeng Saen campus, with hands-on experience in manual and automated software testing. Strong foundation in Java development and object-oriented programming, with experience in Java frameworks, SQL, and database management. Familiar with front-end technologies including JavaScript, HTML, and CSS, and experienced in automated testing using Playwright and JavaScript.

## SKILLS & PROFICIENCIES

### Stack and programming

Computer Languages: Java, C, C#, Python, Javascript, CSS, HTML, SQL

Frameworks: Node.js, Springboot, Playwright

Database: PostgreSQL, MongoDB, MySQL

## PROFESSIONAL EXPERIENCE

### Role: Software Tester

September 2025 – Present

#### Think Bit Company Limited

Responsible for manual and automated system testing, validating data accuracy within the system, writing test cases, and developing automated tests using Playwright and JavaScript. Collaborated with the development team to identify, report, and resolve system defects.

### Internship Project: High-Performance Programming with

November 2024 – March 2025

#### Huge Database

#### Innovative Software Consulting

During my internship at Innovative Software Consulting, I worked on optimizing data import/export processes using PostgreSQL 16 on CentOS 9. The project aimed at improving the handling of large datasets (50 million records across 4 partitioned files) through various methods, including Batch Insert, Thread, and Parallel Processing.

#### Key Responsibilities:

- Optimized data import/export processes using Batch Insert, Thread, Parallel Processing, and Internal Queue.
- Developed and optimized the COPY command for faster data handling.
- Collaborated with the team to ensure efficient data export to 4 files.
- Gained practical experience with Java, PostgreSQL, and database optimization techniques.

**Project: Custom Keyboard System**  
**Kasetsart University Kamphaeng Saen Campus**

**June 2024 – November 2024**

**Custom Keyboard System**

Developed as part of my graduation project at Kasetsart University, Kamphaeng Saen Campus, the Custom Keyboard System is a web-based application that allows users to customize every component of a keyboard, including keycaps, switches, and base frames. The platform also features integrated e-commerce functionality to support the purchase of fully customized keyboards.

**Key Contributions:**

- Developed a fully functional web application for complete keyboard customization
- Integrated e-commerce features to enable direct purchasing through the platform
- Collaborated in a team of 2 developers with a primary focus on web development
- Utilized React.js and JavaScript (JS) for the front end; Node.js and Express for the back end; and MongoDB for database management
- Gained hands-on experience in full-stack development, covering both front-end and back-end technologies

## **EDUCATION**

**Kasetsart University Kamphaeng Saen Campus**

**2021 - 2024**

Computer Science

GPA: 2.73

**Mattayomthanbinkamphangsaen School**

**2018 – 2021**

Computer Science

GPA: 3.16

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