

# ĐẶNG THÁI SAN

-- Software Engineer --

## Contact points

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## Education

**University:** HCMC University of Technology (HCMUT)  
**Degree:** Bachelor of Engineering  
**Major:** Computer Engineering  
**Duration:** 2018-2020

## Technical skills

- Backend programming language: Java (primary), Python
- Major frontend framework: ReactJS
- All-in-one backend framework: Spring boot
- Cloud platform: AWS
- SQL ORMs: JPA, SQLAlchemy
- Database: PostgreSQL, MongoDB, Redis
- Message brokers: Kafka, RabbitMQ
- Testing: testcontainers, playwright
- OS & CLI Proficiency: Experienced with multiple Linux distros (Ubuntu, Debian, Fedora, CentOS); strong command-line skills
- Proficient in English listening, speaking, reading, and writing
- Developer tools: Visual studio code, PyCharm, IntelliJ, Chrome dev tool, Postman...

## Professional summary

Results-driven Full-Stack Software Engineer with over 5 years of hands-on experience in designing, developing, and deploying scalable web applications and distributed systems. Adept at both front-end and back-end engineering, with a strong command of Java and ReactJS, as well as extensive experience building microservices with Spring Boot.

## Commercial working experience & tech stacks

### Stealth Startup *4/2025 - present*

Duration	4/2025 - present
Languages	java, typescript, mongodb query language
Frameworks & Tech	<ul style="list-style-type: none"><li>- Back-end: Spring boot</li><li>- Front-end: Angular</li><li>- Database: MongoDB</li><li>- Automation testing: playwright</li><li>- Cloud provider: AWS</li></ul>
My Responsibilities	<ul style="list-style-type: none"><li>- Performed shift-left development approach.</li><li>- Implemented cloud agnostic (be able to switch between azure and aws via configuration only) back-end using Java and Spring Boot integrated with message broker, mongodb and redis.</li><li>- Implemented automation testing with Playwright.</li></ul>

### Opswat *7/2022 - 3/2025*

Duration	7/2022 - 3/2025
Project	Opswat Central Management
Languages	java, typescript, mongodb query language, sql
Frameworks & Tech	<ul style="list-style-type: none"><li>- Back-end: Spring boot</li><li>- Front-end: ReactJS</li><li>- Database: MongoDB, PostgreSQL</li><li>- Automation testing: playwright</li><li>- Cloud provider: AWS</li></ul>
My Responsibilities	<ul style="list-style-type: none"><li>- Main responsibility for the implementation of multiple features.</li><li>- Implemented back-end system using Java and Spring Boot integrated with mongodb and redis as database / caching, gRPC for internal back-end synchronous communication, RabbitMQ and Redis Stream brokers for asynchronous communication, RestAPI and Websocket for front-end - back-end communication.</li><li>- Collaborated with the QA team to design and implement automation testing suites using</li></ul>

	Typescript and Playwright. - Deployed multiple servers for development and testing environments, including SMTP servers and HTTP proxy servers..., streamlining development workflows. - Mentored new members.
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## Unified (Nashtech) *12/2020 - 4/2022*

Duration	12/2020 - 4/2022
Project	Unified
Languages	java, python, go, typescript, sql, cql
Frameworks & Tech	<ul style="list-style-type: none"> <li>- Front-end: ReactJS</li> <li>- Back-end: Spring boot, Django, Gin, Faust, Dask, kafka stream...</li> <li>- Database: Postgresql, MySQL, Neo4j</li> <li>- Cloud provider: AWS</li> </ul>
My Responsibilities	<ul style="list-style-type: none"> <li>- Researched and implemented multiple features with advanced technologies including Dask, Faust, and Kafka Streams.</li> <li>- Implemented data pipelines using Java, Scala and Kafka Stream.</li> <li>- Implemented validation system using Python, Faust, Dask.</li> <li>- Implemented monolithic module using Spring Boot, ReactJS.</li> <li>- Maintained core system using Java, Go.</li> <li>- Mentored new members.</li> </ul>

## Fsoft e-commerce Project *7/2019 - 10/2020*

Duration	7/2019 - 10/2020
Project	FAMS - e-commerce web application
Languages	java, javascript, sql
Frameworks & Tech	<ul style="list-style-type: none"> <li>- Front-end: ReactJS, Redux-toolkit</li> <li>- Back-end: Spring boot</li> <li>- Database: MySQL</li> </ul>

My Responsibilities	<ul style="list-style-type: none"><li>- Leveraged Java technologies (Spring boot framework) to build reliable microservices-based back-end, enhancing system modularity by applying design patterns.</li><li>- Utilized JPA and MySQL to implement layers for database interactions.</li><li>- Built responsive and intuitive front-end interfaces with ReactJS, improving user experience.</li><li>- Implemented secure authentication and authorization mechanisms using JWT and Spring Security, ensuring robust access control and data protection across services.</li><li>- Collaborated with BA team to clarify software requirements, creating detailed use case diagrams, page mock-ups, class diagrams, sequence diagrams, and ERDs to align development with business objectives.</li><li>- Deployed applications locally using Docker for detailed development.</li><li>- Enhanced code quality by implementing comprehensive unit tests for both front-end and back-end.</li></ul>
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