

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
- All-in-one backend framework: Spring boot
- Fullstack framework: NextJS
- Major frontend framework: ReactJS
- Cloud platform: AWS
- SQL ORMs: JPA, SQLAlchemy
- Database: PostgreSQL, MongoDB, Redis, Elasticsearch
- 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

V-shaped software engineer focusing on application backend development.

Commercial working experience & tech stacks

Stealth Startup *4/2025 - present*

Languages	java, typescript, SQL, mongodb query language
Frameworks & Tech	- Back-end: Spring boot - Front-end: ReactJS & NextJS - Database: PostgreSQL, MongoDB, Redis, Elasticsearch. - Automation testing: playwright - Cloud provider: AWS - IAM: Keycloak
My Responsibilities	- Performed shift-left development approach. - Implemented automation testing with Playwright. - Planned and implemented multiple features including: full-text search, IAM, server-sent notification ... in a domain-driven microservices system. - Contributed to improve overall application architecture. - Implemented monitoring module including tracing, metrics tracking, logging with tempo, prometheus, loki and grafana.

Opswat *7/2022 - 3/2025*

Project	Opswat Central Management
Languages	java, typescript, mongodb query language, sql
Frameworks & Tech	- Back-end: Spring boot - Front-end: ReactJS - Database: MongoDB, PostgreSQL - Automation testing: playwright - Cloud provider: AWS
My Responsibilities	- Main responsibility for the implementation of multiple features. - 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.

	- Collaborated with the QA team to design and implement automation testing suites using 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*

Project	Unified
Languages	java, python, go, typescript, sql, cql
Frameworks & Tech	- Front-end: ReactJS - Back-end: Spring boot, Django, Gin, Faust, Dask, kafka stream... - Database: PostgreSQL, MySQL, Neo4j - Cloud provider: AWS
My Responsibilities	- Researched and implemented multiple features with advanced technologies including Dask, Faust, and Kafka Streams. - Implemented data pipelines using Java, Scala and Kafka Stream. - Implemented validation system using Python, Faust, Dask. - Implemented module using Spring Boot, ReactJS and GraphQL. - Maintained core system using Java, Go. - Applied proper data structures and algorithms based on the project's coding standard. - Mentored new members.

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

Project	FAMS - e-commerce web application
Languages	java, javascript, sql
Frameworks & Tech	- Front-end: ReactJS, Redux-toolkit - Back-end: Spring boot - Database: MySQL

My Responsibilities	- Leveraged Java technologies (Spring boot framework) to build reliable microservices-based back-end, enhancing system modularity by applying design patterns. - Utilized JPA and MySQL to implement layers for database interactions. - Built responsive and intuitive front-end interfaces with ReactJS, improving user experience. - Implemented secure authentication and authorization mechanisms using JWT and Spring Security, ensuring robust access control and data protection across services. - 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. - Deployed applications locally using Docker for detailed development. - Enhanced code quality by implementing comprehensive unit tests for both front-end and back-end.
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