

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

- Major backend programming language: Java, Python
- Major frontend framework: ReactJS
- All-in-one backend framework: Spring boot
- Cloud platform: AWS
- SQL ORMs: JPA, SQLAlchemy
- Database: PostgreSQL, MongoDB, Redis
- Message queue: Kafka, RabbitMQ
- Integration test: pytest, testcontainers
- Developer tools: Visual studio code, PyCharm, IntelliJ, Chrome dev tool, Postman...
- Underwent various Linux distros: Ubuntu, Debian, Fedora, CentOS...
- Proficient in English listening, speaking, reading, and writing.

Professional summary

4+ years working as a software engineer, responsible for both front-end and back-end development processes and experience working with small-scale to large-scale systems.

Commercial working experience & tech stacks

Opswat 7/2022 - present

Duration	2/2023 - present
Team	Opswat Central Management
Languages	java, mongodb query language
Frameworks & Tech	<ul style="list-style-type: none">- Back-end: Spring boot- Database: MongoDB- Synchronous communication with gRPC, websocket, RestAPI- Asynchronous communication with Redis stream
My Responsibilities	<ul style="list-style-type: none">- Be accountable for implementing multiple features- Integrated with other teams / projects- Deployed multiple servers for different development and testing purposes such as SMTP server, HTTP proxy server...- Contributed to building team's development environment

Duration	7/2022 - 1/2023
Team	MetaCrawler
Languages	python, javascript, sql
Frameworks & Tech	<ul style="list-style-type: none">- Front-end: ReactJS, Redux-toolkit- Back-end: FastAPI, Scrapy, Playwright, Celery, SQLAlchemy- Database: PostgreSQL- Asynchronous communication with RabbitMQ
My Responsibilities	<ul style="list-style-type: none">- Built project's frontend and backend from scratch- Implemented URL collectors to collect urls from popular search engines and implemented scheduled spiders to collect data from given urls- Implemented integration test with <i>pytest</i>

Unified (Nashtech) 12/2020 - 4/2022

Duration	5/2021 - 4/2022
Team	Phoenix
Languages	python, java, golang javascript, sql, cql
Frameworks & Tech	<ul style="list-style-type: none">- QA summary project: kafka streams & KSQL, spring boot- Violations project: Faust, Dask, Spring boot, Drools engine, PostgreSQL, Neo4j- Optimizer project: ReactJS, Django, neo4j, PostgreSQL, Celery
My Responsibilities	<ul style="list-style-type: none">- Did stand-up weekly with product owner and team leader (working time, Indochina time zone).- Did stand-up daily with team members from the United States and Vietnam.- Researched new technologies: Asynchronous python, Dask, Faust, Kafka streams...- Implemented new data pipeline for QA summary project.- Implemented new features for Optimizer and Violations module.- Monitored Optimizer module, Violations module and QA summary with New Relics, Kibana and fixed bugs if found any.- Wrote documents for Optimizer project and QA summary project.- Trained new members.

Duration	12/2020 - 4/2021
Team	Platform support
Languages	python, java, javascript, golang, sql, cql
Frameworks & Tech	<ul style="list-style-type: none">- Front-end: ReactJS, GraphQL- Back-end: Falcon, glassfish- Database: PostgreSQL, Neo4j
My Responsibilities	<ul style="list-style-type: none">- Worked as platform support tier 2 (platform support tier 1 team receives customers' feedback then makes Jira tickets for platform support tier

	<p>2 team to process).</p> <ul style="list-style-type: none"> - Did stand-up daily with product owner and platform support tier 1 team (working time, Eastern Standard time zone). - Cooperated with other teams to process related bug tickets made by platform support tier 1 team. - Fixed front-end related or reporting related bug tickets. - Implemented new features for the system (mostly front-end and middleware). - Cooperated and reported with tech leaders (from both Vietnam and US) for bug tickets. - Wrote Root cause analysis documents. - Reported Jira bug ticket if found any.
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Fsoft e-commerce Project 3/2020 - 10/2020

Duration	3/2020 - 10/2020
Project	FAMS - e-commerce web application
Languages	java, javascript, sql
Frameworks & Tech	<ul style="list-style-type: none"> - Front-end: ReactJS, Redux-toolkit - Back-end: Spring boot - Database: MySQL
My Responsibilities	<ul style="list-style-type: none"> - Approached practical software engineering workflow with gitlab. - Approached microservices system. - learned and applied various java technologies: spring framework, JPA, maven... - Learned and applied front-end framework: ReactJS. - Learned and applied developer tools: chrome devtool, postman, IntelliJ IDEA ... - Clarified software requirement specification: Use case diagrams, page mock-ups, class diagrams, sequence diagrams, database's ERD. - Built front-end with ReactJS. - Built microservices back-end with Spring boot. - Implemented authentication and authorization with JWT and Spring security. - Deployed with docker and implemented unittest.

Commercial personal project

Duration	11/2022 - 4/2023
Project	Hello neighbors! - telegram chat bot
Languages	python, mongodb query language
Frameworks & Tech	<ul style="list-style-type: none">- Back-end: python's telegram sdk, ChatGPT sdk- Database: MongoDB- Message queue: Redis Stream
My Responsibilities	<ul style="list-style-type: none">- Integrated with telegram application- Integrated with ChatGPT- Implemented bot's backend with MongoDB and Redis Stream- Deployed the system