Narkkarux Tripiyaratana

Software engineer

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GitHub
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👜 Work Experience

Software Engineer - Ascend Commerce, Chiang Mai

June 2018 – April 2023

- Developed an online travel agency platform, ***Ascend Travel***:
  - Frontend development using Angular 5, SCSS, and Karma-Jasmine for unit testing.
  - Backend implemented as microservices using Java Spring Boot.
  - Integrated Elasticsearch for search functionality.
- Contributed to 2 projects related to the procurement business platform:
  - ***e-Procurement***:
    - Developed web interface using JSP framework.
    - Utilized stored procedures for database operations.
  - ***Oneplanet*** (Brand new UI of e-Procurement Project):
    - Frontend development with React.js.
    - Backend implemented as microservices using Java Spring Boot.
    - Integrated Redis for caching and RabbitMQ for message event handling.
    - Implemented data indexing using Solr.
- Collaborated in the development of an ***online auction*** and ***e-marketplace*** platform:
  - Frontend: Initiated authenticator middleware and base component apps using React.js. Created marketplace UI using React.js.
  - Backend: Implemented microservices using Java Spring Boot. Integrated Redis for caching, Kafka for message event handling, Quartz for job scheduling, and minIO for file management.
  - Developed a data monetization component.

⚒ Skills

- Programming Languages: Java, JavaScript, C, C++
- Frontend: React.js, JSP, Angular 5, HTML, CSS, SCSS
- Backend: Spring Boot
- Databases: SQL
- Source control: Git
- Data indexing: Elasticsearch, Solr
- Caching: Redis
- Message Brokers: RabbitMQ, Kafka
- Job Scheduling: Quartz
- File Management: minIO

⌛ Internship

Software engineer - Mycos Technologies, Chiang Mai

May 2017 – August 2017

• My primary responsibilities included studying and developing projects using the C# programming language. This experience allowed me to gain practical insights into software development, coding practices, and the C# technology stack. I collaborated with the development team on various projects, contributing to the design, implementation, and testing phases.

🎓 Education

Bachelor of Computer Science
Chiang Mai University, Chiang Mai

August 2014 – June 2018

• Completed a senior project using Angular 5 and Firebase. This project provided hands-on experience in web development, real-time database management and game design.

• Participated in the "Bowling" Robotics Challenge of the World Robot Olympiad (WRO) Thailand. This competition involved designing and programming robots to perform specific tasks related to bowling. My involvement demonstrated my commitment to robotics and my ability to work effectively in a team-based, competitive environment.