ATHIP SIRISAWETKUNWONG

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ABOUT

I am a Senior Software Engineer with over 1 year of experience in a senior role and 2 years as a Software Engineer, totaling over 3 years of full-stack development experience within the financial sector. I specialize in designing system architectures that meet stakeholder needs, primarily utilizing AWS for cloud monitoring. I thrive in team collaboration, overcoming challenges, and delivering innovative solutions.

WORK EXPERIENCE

Ngernturbo co. ltd   **Aug 2023 - Present**
Senior software engineer

- **Topic:** Payment Transaction System & Sale flow
  Objective: Develop a payment transaction system to reduce manual money transfers to customers.
  Responsibilities:
    - System maintenance and add features as requirement by stakeholders
    - Use C#, VueJs 2, PostgreSQL technologies to develop and apply the system to effectively respond to user needs.
    - Support incident and urgent case on production with QA and Team lead
- **Topic:** Distribute System
  Objective: Automatic distribute task by integrating AWS SQS for message queuing and processing and ensured high availability.
  Responsibilities:
    - Design software solution and review software solution
    - Use C#, VueJs 2, PostgreSQL, AWS SQS FIFO, AWS SQS Standard, AWS SQS Dead Letter Queue, AWS Lambda, Python technologies for event control that must be performed to ensure that the system meets the requirements obtained.
    - Implement lambda with python and integrate SQS with boto3 library for send and receive message form Queue
    - Support incident and urgent case on production with QA and Team lead
- **Topic:** Low code platform
  Objective: Increase and reduce the time spent on repetitive tasks and time-consuming data preparation for surrounding team
  Project:
    - <u>Git branch comparison:</u> for reduce merge down time when create new environtment for develop
    - <u>Prepare data:</u> that enabled QA to prepare data for SIT and UAT more efficiently
    - <u>OCR Text:</u> for quickly read text from image using Tesseract.js library for read text and Jimp for improved image performance to make Tesseract.js read more accurately.
- Implement C# GraphQL for control response from mobile application and web application
- Implement Cypress in the project to automate tests to verify the original feature code.
- Improved system performance and reduced downtime by optimizing PostgreSQL database queries.
- Mobile Development Assistance (Android): Assisted the mobile team for 2 sprints, focusing on Android development, feature integration, debugging, and performance optimization.

- Collaborated with frontend developers to create responsive and dynamic user interfaces using Vue.js. and Next.js
- Handled urgent cases and incidents on production for team and surrounding modules, ensuring timely resolution under the supervision of the team lead.
- Onboarded and mentored new team members, introduced them to the systems managed by the team, and developed training courses based on real tasks handled by the team.

Ngernturbo co. ltd
Software engineer

Jun 2021 - Aug 2023

- Assisted in developing and maintaining financial transaction systems.
- Worked on backend services using C# and Python Lambda on AWS.
- Supported the deployment and monitoring of services on AWS ECS.
- Assisted in database management and optimization using PostgreSQL.
- Contributed to the development of frontend features using Vue.js.

SKILL

- **Frontend Development:** Vue.js, Next.js, AngularJS, TypeScript, JavaScript
- **Backend Development:** C#, GraphQL, NestJs, Python, Java Spring boot Basic, Kotlin Basic, GO Basic
- **Web Technologies:** Bootstrap, Tailwind CSS
- **Cloud Technologies:** AWS ECS, AWS SQS, AWS Lambda, AWS S3, AWS Batch, AWS Elastic Redis Cache
- **Database Management:** PostgreSQL, MongoDB, Liquibase, TypeORM
- **Other:** Docker Compose, Software Requirements, Database Design, .NET Framework, Database design, Solution design, Cypress cucumber, git command, Appsmith, Tesseract.js, Kibana, Grafana

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EDUCATION

Bachelor of Science in Computer Science
Ubon Ratchathani University

Mar 2017 - Aug 2021

- Thesis on "Dormitory management system".