Tiến Nguyễn

Software Engineer

✉ nghuuanhtien@gmail.com   in tienbk97   📞 (+84) 931 430 970   📍 Ho Chi Minh City, Vietnam

About Me

- Software engineer with 3+ years of experience working in a 6-member cross-functional development team maintaining three different enterprise products
- Looking for a senior-level software engineer position in an agile-driven team to pursue my passion for creating high-quality software

Skills

Front-End
- Angular with RxJS, NGRX — `3 YEARS`

Back-End
- Java Spring Boot — `3 YEARS`
- NestJS — `6 MONTHS`

Infrastructure
- Terraform with AWS — `2 YEARS`
- AWS CDK — `6 MONTHS`

CI/CD
- DroneCI — `2 YEARS`
- GitHub Actions — `6 MONTHS`

Others

Testing Framework	Database
• Jest, Cypress	• PostgreSQL
• JUnit	• DynamoDB

Certifications

AWS Certified Developer – Associate
Amazon Web Services (AWS)
2021 - 2024

Registered Scrum Master™
Scrum Inc.
2022 - 2023

Education

Bachelor of Engineering - Computer Science
Nov 2019 - Ho Chi Minh City University of Technology
Honor Program

Languages

English
Professional - TOEIC 975
November 2018

Japanese
Language - JLPT N4
August 2022

Work Experience

Software Engineer *@ atWare Vietnam*

Nov 2020 - Present   📍 Ho Chi Minh City

DESCRIPTION
- A modern offshore company that provides Japanese clients with agile-driven teams of software engineers
- Focus on the particular needs of each client, which are all taken into account when developing their products
- Dedicated team members are committed to the project, its goals, and rigorously stick to the client-specified protocols
- I currently work with one of Japan's biggest telecommunications companies

PROJECTS

Project Name: A network management system with multiple third-party integration

Time: Nov 2020 - Present   `ON-GOING`
- Utilizing Angular, Spring Boot, Terraform with AWS,… to deliver many successful features of our network management system
- Using Chart.js to formulate network resources' statistical graphs gives the end users a glance at their network status
- Design CI/CD pipelines using DroneCI (and later, GitHub Actions) to keep up with the monthly product release plan
- Successfully upgraded the developing source code's many frameworks' versions. For example, Angular 9 → 13, Spring Boot 2.2 → 2.6, Terraform 0.13 → 1.0,…
- Train & mentor 5+ members & interns joining the project

Project Name: GitHub Actions migration

Time: Nov 2022 - Dec 2022   `2-MONTH`
- Migrating CI/CD pipelines including quality checks, release procedures,… from DroneCI to GitHub Actions for 3 different projects

Project Name: A real-time inquiry chatting system

Time: Apr 2022 - Sep 2022　`6-MONTH`

- Implemented a real-time chat system allow customer can contact operator for inquiring purposes
- Use AWS API Gateway as a Web Socket server to manage users' connections
- Made use of NestJS's standalone application to create multiple Lambda functions which handle users' messages
- Utilized AWS Cloud Development Kit to control the system's infrastructure

Project Name: A geographically distributed resources management application

Time: Jan 2022 - Mar 2022　`3-MONTH`

- Implemented a web application that allows users to map their resources by geographic location
- To display the user's mapped resources, a hand-drawn SVG World map and a CSS-grid Japan map were implemented
- Integrated with third-party integration to collect resource status in order to provide quick reports on the user's dashboard

Project Name: A timeline working management application

Time: Mar 2021 - Aug 2021　`6-MONTH`

- Implemented a web application that allows users to manage their personal, team, and customer-requested work
- Displayed the user's personal time schedule using the Full Calendar library
- Allows users to communicate with one another via an attachment-supported commenting feature built with AWS S3

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Software Engineer *@ atWare, Inc.*

Mar 2020 - Nov 2020　📍 Yokohama

DESCRIPTION

- 9-month training trip during which I worked directly with our Japanese client
- The goal was to understand our client, Japanese working culture to help with the launch of the company's Vietnam branch

PROJECTS

Project Name: A network supporting tools application

Time: Mar 2020 - Nov 2020　`9-MONTH`

- Utilizing Angular with RxJS, NGRX store to deliver network helping tools such as real-time ping, retrieving modems, and routers' status (CPU, temperature,...)
- Writing load-reducing feature for our Spring Boot back-end with queue using AWS SQS

Project Name: An incident report application gathered by a third party

Time: Jun 2020 - Jul 2020　`2-MONTH`

- By integrating our current system with a third-party service via SOAP API, incident data is displayed on the client dashboard.

Project Name: A customer inquiry, support application

Time: Aug 2020 - Oct 2020　`3-MONTH`

- An Angular, Spring Boot project hosted on AWS enables operators to respond to customer-requested inquiries
- AWS S3, AWS SNS, and AWS SQS were utilized to implement attachment-sharing & mail notification features

Project Name: AWS migration & cost-reduction

Time: Sep 2020 - Dec 2020　`3-MONTH`

- Implemented many operational help tools, and money-saving methods to cut down almost 30% monthly operational cost.
- For example, local development environment setup, mock server optimization, nightly turn off AWS resources...

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Associate Software Engineer *@ VNG Corporation - VNG Cloud*

Jun 2019 - Feb 2020　📍 Ho Chi Minh City

DESCRIPTION

- I was able to create technology products and solutions using an in-house Platform as a service product while working at one of Vietnam's largest technology engineering companies and as a member of a newly established cloud-focus department.

PROJECT

Project Name: vMeeting - Online conferencing application

Time: Jun 2019 - Feb 2020　`9-MONTH`

- Evaluated Jitsi Meet and built vMeeting - An enterprise-focused meeting application with real-time conference & content sharing
- Integrated multiple conferencing add-on features such as real-time transcription, real-time translation, and SIP calls,...

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Part-time **Software Engineer Fresher** *@ VNG Corporation - VNG Cloud*

Oct 2018 - Jun 2019   📍 Ho Chi Minh City

DESCRIPTION

- Worked as a third-party integrator (developer and content writer) for vCS - A portable virtual call center for modern businesses

PROJECT

Project Name: vCS - Virtual call center

Time: Oct 2018 - Jun 2019   9-MONTH

- Multiple integrations with varying specifications were successfully published to our third-party marketplaces, including Freshdesk, Freshsales, Zoho, and HubSpot...
- Complied with a variety of code requirements imposed by third parties.
- For publication, I wrote integration content, created screenshots, and made instructional videos.

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Software Engineer Intern *@ atWare, Inc.*

Jun 2018 - Aug 2018   📍 Yokohama

DESCRIPTION

- Applied Lean Process to create Kati, a solution for enhancing interaction between students & teachers in Japanese university classrooms, in a short 6-week internship
- Communicated with more than 50 students & 10+ teachers at KEIO University to understand the customers' voices

PROJECT

Project Name: KATI - in-class interaction application

Time: Jun 2018 - Aug 2018   2-MONTH

- Implemented the application using ReactJS, Node.js with a PostgreSQL database
- The application was hosted on Heroku