SOFTWARE ENGINEER

PERSONAL DETAILS

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ABOUT ME

- Software Engineer with 2+ year of exp in dev role.
- My goal is to become a Fullstack Developer.
- I'm able to work in frontend & backend, willing to learn new techs | platforms.

My portfolio: https://lethienngan-portfolio.netlify.app/

My LinkedIn:

https://www.linkedin.com/in/ng%C3%A2n-l%C3%AA-thi%E1%BB%87n-369132178/

EDUCATION

Ho Chi Minh City University of Technology

Electrical and Electronics Engineering

09/2013 - 12/2018

Bachelor's degree

SKILL

Excellent

NodeJS

Intermediate

Front End   Back End   AWS

Cloud   React   Automation testing

SQL   OOP   ReactJS

ExpressJS   PostgreSql

JavaScript   NoSQL   API

NodeJS

WORK EXPERIENCE

SOFTWARE ENGINEER   11/2023 - NOW

Select Technology

- Full-time Developer (multi-role) at IoT company (Product)
- Team size: 12
- Developing and maintaining IoT Systems (Backend core and Cloud) to serve various UIs (Frontend, Mobile, Android/iOS tablets, and Android boards) using RESTful API, SSE, websocket, FCM and APNs
- Working with the OpenHab Platform (Based on the OSGi framework), Lora Protocol, and ChirpStack

PROJECT:
- **Tech Stack:**
  - Backend: Java 8 (OSGi framework) + supporting packages, Kafka (Data pipeline, pub-sub, and streaming), Jitsi (calling service), MySQL, Docker-compose
  - Cloud: Nginx + Javascript stack - NodeJS - ExpressJS(Server-side-rendering) + support libraries, Redis, MongoDB, Docker-compose
  - Tools: Clickup (folder/project manager), Bitbucket (source control), Jenkins, Oracle Virtual Machine, Ubuntu, Postman, ...
- **Implemented Projects**:
  - Nikodo Smart Farm
  - Riviera Cove Intercom (Household and Villas)
  - SmartHome solutions for civilian customers

SOFTWARE ENGINEER   07/2022 - 12/2022

Simply Homes, Inc

- Remote Developer for startup company (domain: real-estate)
- Team-size: 3
- Developing and maintaining Nodejs api-server (build from scratch & deploy to AWS Instance)
- Working with Hubspot (webhook, api-sdk, workflow and integrated code), Google API (api-sdk, files and folders) and AWS infrastructure (EC2, RDS, Kinesis, S3bucket CloudFront CDN)

PROJECT:
Simply Homes, Inc | 07/2022 - 12/2022
- **Jobs:** LandingPage, Marketplace, api-server, serverless function (AWS Lambda), Google Drive API, Hubspot Webhook
- **Role:** Fullstack Developer
- **Description:**
  - Frontend: build React components by functional programing for Marketplace and Landing Page & Logical Component to clarify potential Customer (All is SPA).
  - Backend: Develop and maintain api-server, write end-point to catch and handle request from Frontend & Hubspot Webhook & 3rd party services.
  - Deploy and Maintance in AWS EC2 instance.
  - Create webhook in Hubspot and handle in backend
  - Hubspot Workflow and Integrate code
- **Tech stack:**

- Backend: Monolith structure + Nodejs (Expressjs) + supporting packages, AWS Kinesis (data pipeline - produce & consume), PostgreSQL, OAuth2, serverless function (AWS LambdaFunction), Caddy reverse proxy, PM2 and EC2 VPS.
- Frontend: ReactJS (build React components by functional programing) + supporting packages
- Tools: Notion, Slack, Git, ...

WEB DEVELOPER   12/2020 - 05/2022
Freelancer

- Turning to remote development with freelance jobs,
- Learning, researching, and gaining experience to become a full-stack developer up to now.
- Working directly with client and deal with requirement (Communication & Compromise)
- All skill I learned in this time:
  - Communication & Compromise with Client for Feature and Timeline (English & Vietnamese)
  - HTML5/CSS3+ Javasctipt + supported packages and frameworks (ReactJS, NodeJS, ExpressJS)
  - Self-development and ability to work independently
- Team-size: 2-3 members

SOFTWARE ENGINEER   03/2020 - 10/2020
CMC Global Company Limited.

- Automated Testing in Embedded Domain (onsite for Customer: BOSCH)
- Role: Automation Test (Unit Test & Regression Test & MC/DC coverage) + support Dev (Indian & Chinese) to find defect & optimize with strictly code rule.
- Language: C, Test Script Language(IBM Rational Real Time Test & Cantata) IDE: Eclipe, IBM RTRT (Rational Real Time Test), Cantata.
- STLC: Analyze Requirement - Test planning - Test Case Design - Write & Execute Test script - Report & Review.
- Testing Technique: Black box & White box.
- Trained Skill: Planning time, High pressure, Flexible Team Work (connect both male & female), Flexible issue solving(raise mismatch/redundant code/defect/... to DEV clearly & easy to understand), Communication Skill (Indian & Chinese Dev).

SOFTWARE ENGINEER   10/2019 - 12/2019
Shinhan DS

- Role: Developing & Maintaining Webservice for Core Banking System.
- Language: C, MXML/ActionScript, SQL.
- IDE: Eclipse + Proframe framework, Adobe Flex.
- Front-end: MXML - Actionscript.
- Back-end: C (Proframe C - framework), SQL oracle

EMBEDDED SOFTWARE ENGINEER   04/2019 - 08/2019
Bosch Global Software Technologies Vietnam

- Role: Develope & Maintain CAN data bus - COM in BSW for Vehicle System. Analyze Requirement and implement customer's configuration to component/module code.
- IDE: Microsoft Visual Studio + support tool.
- Knowledge: Autosar, CAN, COM, MDC, OSI layer SDLC: V-Model.
- Language: C, testing tool Script.
- Trained Skill: OOP, Unit Test, Planning, Writing Report, Communicate skill (Indian & Chinese coworker)