Applicant for:

Senior Java Engineer ~2,000$ (SL: 05)

Dr.JOY
1 March 2021

Dau Dinh

✉ peterlee2068@gmail.com

What skills, work projects or achievements make you a strong candidate for this position?

I'm Dau Dinh, Currently, I'm a Senior Backend Software Engineer at LINE Technology VN with

over 10 years of experience. I've had a lot of knowledge about Software Design Principles,

Design Patterns, and Database Design. Besides, I've also deep knowledge about Java

(concurrency & parallelism, memory management, and so on) and Python languages. I really

fall in love with system design. In my free time, I often study and learn to design large-scale

systems in LINE and the internet.

CURRICULUM VITAE

NAME	DINH MANH DAU
ROLE	**Senior Backend Software Engineer**

OVERVIEW

Personal

- Date Of Birth: December 11th, 1988
- Full Name: Dinh Manh Dau
- Skype: dinh.manh.dau
- Email: dinhmanhdau@gmail.com
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- Blog: https://medium.com/@peterlee2068
- Linkedin: https://www.linkedin.com/in/dau-dinh/

Summary

I'm Dau Dinh, Currently, I'm a Senior Backend Software Engineer at LINE Technology VN with over 10 years of experience. I've had a lot of knowledge about Software Design Principles, Design Patterns, and Database Design. Besides, I've also deep knowledge about Java (concurrency & parallelism, memory management, and so on) and Python languages. I really fall in love with system design. In my free time, I often study and learn to design large-scale systems in LINE and the internet.

Learning new languages and technologies is what I am passionate about. I can work as a technical leader because I like to help others and tend to work well within groups. I can also do some mentoring tasks and do code review for other team members.

ACHIVEMENTS

Joined TechTalk#38, 2020	Role: Speaker Topic: Redis best practices Event: TechTalk #38 - Languages, Technologies, Architectures Organized by LINE Technology VN and Grokking Vietnam

EDUCATION AND QUALIFICATIONS

Graduated from	National University of Civil Engineering
Graduated year	2011
Major	Software Engineering Department
Degree	Good

EMPLOYMENT HISTORY

Period	Company	Position
October, 2010 – February, 2011	Vietsoftware International	Internship
March, 2011 – March, 2014	ManaTech	Developer
April, 2014 – September, 2017	Adways Vietnam	Senior Developer
October, 2017 – now	LINE Vietnam	Senior Software Engineer

SKILLS

Programming languages
- Java
- Python
- Kotlin
- PHP
- NodeJS
- JavaScript
- HTML, CSS

Frameworks & platforms
- Spring Framework
- Laravel, Symfony, CakePHP, Yii 2
- Django
- Scrapy
- VueJS

Database
- MySQL
- Redis
- MongoDB

Search engine
- SphinX
- ElasticSearch
- Solr

IDE
- Visual Studio Code
- IntelliJ
- Sublime Text

Version Control
- Git
- Svn

Issue tracking tool
- Jira
- Redmine

Continuous Integration tool
- CircleCI
- Jenkins

Foreign Language
- English

Knowledge
- Deep understanding about OOP, Design Pattern, SOLID principles, Dependency Injection
- Good understanding about the Agile and Scrum process
- Good understanding software design, database design
- Good time management and teamwork skills

WORKING EXPERIENCE

1. Project	**GPS Ship Tracking**
Company	Vietsoftware International
Duration	October, 2010 – February, 2011
Position	Internship
Description	Support end-user to search ship's position, name's ship, and other ship around the current position in the map.
Responsibility	- Research and develop iOS application
Technology	- Database: SQLite - Language: Objective C

2. Project	**ManaPortal**
Company	ManaTech
Duration	March, 2011 – May, 2013
Position	Developer
Description	The information portal includes news from 70 top papers in Vietnam. - News: culture, social, sport, entertainment, story, image, video, horoscope, ... - Support offline mode - Support device J2ME, Android, iOS Total user uses ManaPortal: > 1.600.000 users.
Responsibility	- Implement server-side and client side (J2ME and Android application) - Review source code, design and unit test. - Manage server Linux (including config, build and deploy applications) - Crawler and process news
Technology	- Java Socket - Frameworks: Simple MVC - Database: MongoDB (Master-slave, Delicate server, VPS, …) and MySQL - Cache: Redis & Memcached - Languages: Java/PHP/Python

3. Project	OpAlarm
Company	ManaTech
Duration	June, 2013 - December, 2013
Position	Developer
Description	OpAlarm (Start Up: TOPICA Founder Showcase) is a service help user to follow, research information in electronic commerce site and forum easily. The suitable information will be OpAlarm notice to users via email or SMS at the moment.
Responsibility	- Implement server-side - Implement client-side (Android application) - Manage server Linux (including config, build and deploy applications)
Technology	- Languages: Java/PHP - Database: MySQL

4. Project	Yton
Company	ManaTech
Duration	December, 2013 - March, 2014
Position	Developer
Description	Yton is an application allow user used to read the news of medical, research knowledge, notice calendar helps pregnant women.
Responsibility	- Implement server-side - Implement client-side (Android application) - Manage server Linux (including config, build and deploy applications)
Technology	- Languages: Java/PHP - Database: MySQL

5. Project	Drawsomething
Company	Adways Vietnam
Duration	April, 2014 - September, 2014
Position	Senior Developer
Description	- Drawsomething is a game for the user to draw and guess the keyword - Integrate Facebook, Twitter, Line SDK framework
Responsibility	- Analysis and design features - Implement server-side - Implement client-side(Android application) - Review code and detail design
Technology	- Languages: Java/PHP - Database: MySQL - Framework: CakePHP

6. Project	Bengo4 & Zeiri4
Company	Adways Vietnam
Duration	December, 2013 - March, 2014
Position	Senior Developer
Description	Bengo4 & Zeiri4 is a top site about the lawyer of Japan. It is an information portal between lawyer and end-user, help end-user connect with the lawyer.
Responsibility	- Analysis and design features - Implement server-side - Manage server Linux (including config, build and deploy applications) - Review code and detail design
Technology	- Languages: Java/PHP - Database: MySQL - Framework: Yii2

7. Project	Giftpoint
Company	Adways Vietnam
Duration	April, 2014 - March, 2015
Position	Senior Developer
Description	Provide service making money via mobile phone (android, iOS) by install campaign application in many countries such as Vietnam, Thailand, Indo, ... When end-user install application, they will receive point and can exchange point to card mobile (Viettel, Mobifone, Vinaphone). End-user can use their point to bet football match.
Responsibility	- Analysis and design features - Implement server-side - Review detail design and code - Manage server Linux on AWS (including config, build and deploy applications)
Technology	- Languages: PHP - Framework: CakePHP, Laravel, Symfony - Database: MySQL

8. Project	VideoTool
Company	Adways Vietnam
Duration	July, 2016 - September, 2017
Position	Senior Developer
Description	VideoTool a video creation tool that supports companies to generate a large number of creatives.
Responsibility	- Analysis and design features - Implement server-side - Implement client-side (desktop application) - Review code and detail design
Technology	- Languages: Java/PHP - Framework: JavaFX, Laravel - Database: MySQL

9. Project	Charmmy
Company	LINE Vietnam
Duration	October, 2017 – March, 2018
Position	Senior Software Engineer
Description	Charmmy is an application of LINE, provide fortunes for user, special woman. The content of fortune is described in detail in articles in different category, by writer. User can pay cost for it by LINE account.
Responsibility	- Analysis and design features - Implement Backend API - Implement Admin Tool - Review code and detail design - Manage server Linux (including config, build and deploy applications)
Technology	- Languages: Java - Framework: Spring MVC/JPA - Database: MySQL - Search engine: Elasticsearch - Cache: Redis - Message Queue: RabbitMQ

10. Project	LINE Consult Portal
Company	LINE Vietnam
Duration	April, 2018 – June, 2018
Position	Senior Software Engineer
Description	This is consult portal for LINE. Promote service of LINE: Talk care, talk fortune, ...
Responsibility	- Analysis and design features - Implement server-side (Backend API) - Implement front-end - Manage server Linux (including config, build and deploy applications)
Technology	- Languages: Java - Framework: Spring (JPA) - Database: MySQL - Cache: Redis

11. Project	Line@
Company	LINE Vietnam
Duration	July, 2018 – Aug, 2019
Position	Senior Software Engineer
Description	Line@ is a special application for the company, shop, and organization. It has a wide range of features enables you to promote your company, brand, or product in new and far-reaching ways.
Responsibility	- Analysis and design features - Implement client-side - Config, build and deploy application via CI/CD - Review code and detail design
Technology	- Languages: Javascript - Framework: VueJS

12. Project	Lineman: Taxi web service
Company	LINE Vietnam
Duration	Sep, 2019 – Oct, 2019
Position	Senior Software Engineer
Description	Like Grab, Lineman is the product of LINE includes many services: food delivery, Parcel, Taxi, ... Taxi web service helps staff book multi-trips for a customer in hotels, hospitals, office buildings, soccer fields via the website.
Responsibility	- Analysis and design features - Config, build and deploy application via CI/CD - Review code and detail design
Technology	- Languages: Java - Framework: Spring (JPA) - Database: MongoDB 3.6 - Caching: Redis

13. Project	Line News
Company	LINE Vietnam
Duration	Nov, 2019 – Dec, 2020
Position	Senior Software Engineer
Description	Line News is an application for reading news. From important topics to entertainment! Users can easily receive selected news every day. The editorial department carefully selects articles from a wide range of genres: Fashion from national newspapers, business magazines, sports magazines. Weather, route information, earthquake bulletins will be delivered as soon as possible.
Responsibility	- Analysis and design features - Config, build and deploy application via PMC, CI/CD - Review code and detail design
Technology	- Languages: Java/Kotlin - Framework: Spring(JPA, Mybatis) - Database: MySQL v5.7/MongoDB v3.6 - Caching: Redis

14. Project	Line Bot
Company	LINE Vietnam
Duration	March, 2020 – now
Position	Senior Software Engineer
Description	Line bot is including a lot of bots: - Weather bot for Japan, Korea, Thailand, Indonesia, and Taiwan countries: provides the weather information of the present day of the region that the user has input. In addition, send push weather information when user setting receive push from system. - Disaster alert bot: when earthquake comes, sending alert messages to users with the location and scale of it. It also provides covid19 information. - Fortune bot: sending daily fortune message based on user's birthday setting. - Lotto bot: sending weekly message with winning numbers of lotto. …
Responsibility	- Analysis and design features - Config, build and deploy application via PMC - Review code and detail design

	- Support/guide Junior
Technology	- Languages: Java/Kotlin - Framework: Spring (JPA, Mybatis) - Database: MySQL v5.7 - Message Queue: RabbitMQ, Kafka - Caching: Redis