DO THANH SANG

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EDUCATION

2009-2011	Master of Computer Science, Myongji University, *South Korea*
	GPA: 4.39 / 4.5

- Researched about Machine Learning, Neural Network, Fuzzy System
- Published 7 papers in different international conferences

2002-2007	Bachelor of Computer Science, HCMC University of Technology, *Vietnam*
	GPA: 7.24 / 10

TECHNICAL SKILLS

Programming languages	Java, Python, PHP, Nodejs, React Native, HTML/CSS
Databases	MySQL, MongoDB, Spark SQL
Frameworks	Spring, Django, CodeIgniter, Express, Native Base, WordPress
Cloud services	AWS EC2/S3/AIM/SQS/DynamoDB/ELB, Firebase, Heroku, mLab
Tools	IntelliJ, Atom, Android Studio, XCode, Databricks, Jira, Redmine, Jenkins

EXPERIENCE

09/2018-Present **Senior Technical Manager**, *Knorex Ltd.*

HQ: Singapore | Business: Providing digital marketing solutions worldwide

- Designed infrastructure of core services in AWS ecosystem
- Helping DevOps team to manage Kubernetes clusters
- Leading a global team to finish product backlogs including but not limit to activities: research, develop, test, write documentation
- Coaching the team on designing, coding, debugging, refactoring to minimize technical debt (Java/Python/Nodejs)
- Managing marketing campaigns in FB/Adwords/LinkedIn/Tiktok platforms, total ad spent is approximately $800k each month.

07/2021-Present **Visiting Lecturer**, *Greenwich University, Vietnam*

- Mentoring classes to complete their final year dissertations on different subjects of web/mobile applications.
- A class usually includes 25-35 students.

02-09/2018 **Freelance Developer**

Developed & published applications for US/VN/S.Korea clients:

- 1 website to scrape latest news in game industry (Python, PHP/MySQL)
- 1 ecommerce site to sell fresh fruit in Vietnam (Nodejs /MongoDB)
- 1 mobile app to synchronize user wallets in Coinbase (React Native)
- 1 mobile app to provide live prices of intl. OTC stocks (React Native)
- 1 mobile app to provide online soft-skills study courses (React Native)

08/2015 –
01/2018 **CTO**, *Engma Ltd.*

Business: web/mobile app outsourcing for Japan/Singapore clients

- Built up development department from scratch to 14 cross-functional members (at the time I left)
- Established Agile-based development processes for projects
- Estimated, planned, managed, and controlled resources to finish projects on time, with minimized scope creep, high quality deliverables
- Coached team leaders to practice deployment, sprint review, resolve conflict, team building, keep sprint's velocity in control
- Consulted clients to choose best feasible architect in projects, with low cost. Implemented MVP or Proof of Concept or tech spike.

03/2013 –
01/2015 **Full stack Developer**, *Nsoft Ltd.*

Working place: S.Korea | Business: providing online e-book editor

- Developed online editor which features are similar to CKEditor but there are more advance animated effects in images/text content (jQuery)
- Developed backend APIs for that editor (Java/MySQL)

07/2011 –
02/2013 **Mobile Developer**, *Uzen Ltd.*

Working place: S.Korea | Business: ecommerce, entertainment

- Developed Android app to watch K-pop videos (Java)
- Developed backend APIs for that app (Nodejs/MongoDB)

01/2008-
07/2009 **Mobile Game Developer**, Gameloft Ltd.

HQ: France | Business: developing mobile games

Developed 3 mobile games on touch screen phones (Java J2ME)

04/2007 –
12/2007 **Web Developer**, SangTao Ltd.

Business: web/mobile app outsourcing for Japan clients

- Developed online HR management system (PHP/MySQL)
- Developed online car parking system (PHP/MySQL)

CERTIFICATES

PMI	PMP

Learn Quest	• Scrum Master
	• Spring Framework

AWS	Cloud Technical Essentials

Google Cloud	Fundamentals: Core Infrastructure

IBM	• Developing Cloud Apps with Node.js and React
	• Python for Data Science, AI & Development
	• Application Deployment using Microservices and Serverless
	• Network Security & Database Vulnerabilities

Databricks	• Apache Spark SQL for Data Analysts
	• Applied Data Science for Data Analysts

Univ. of Cali. (UAC)	• The Art of Negotiation
	• Effective Problem-Solving and Decision-Making

PUBLICATIONS

ICeND, 2013	An Integrated Intelligent Fuzzy System for Data Mining
ICONIP, 2012	Centroid Neural Network with Simulated Annealing and Its Application to Color Image Segmentation
AICI, 2012	Color Image Segmentation Using Centroid Neural Network
CyberC, 2010	Standard Additive Model in Data Mining
ICISA, 2010	Intensifying the Performance of Nonlinearity Approximation by an Optimal Fuzzy System
ACIIDS, 2010	Standard Additive Fuzzy System for Stock Price Forecasting
MICAI, 2010	Financial Time Series Prediction in Cooperating with Event Knowledge: A Fuzzy Approach

INTERESTS

Reading, Fishing, Jogging, Watching movie