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|  | **SANG THANH DO** |  |
| **Address**: Ho Chi Minh city, Vietnam | sang.dothanh@gmail.com | **Mobile**: +84 906-460-180 |
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| **EDUCATIONS** | | |
| **Master of Computer Science** |  | 09/2009 – 06/2011 |
| Myongji University, South Korea | |  |
| GPA: 4.39 / 4.5 | |  |
| **Bachelor of Engineering in Information Technology** | | 09/2002 – 01/2007 |
| Ho Chi Minh city University of Technology, Vietnam | |  |
| GPA: 7.24 / 10 | | |
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| **CERTIFICATES** | | |
| * PMP (Project Management Professional) * PSM-I (Professional Scrum Master) * AWS Data Analytics - Specialty * AWS Solutions Architect – Associate * Google Professional Data Engineer | | |
| **PROFESSIONAL EXPERIENCES** | | |
| **Technical Lead** | **Knorex Ltd.** | 09/2018 – Present (Vietnam) |
| * The company provides a web-based product to assist worldwide clients in running digital advertisement campaigns on social platforms such as Meta, Google, TikTok, and LinkedIn. * Lead 5 developers to implement micro-services using Java SpringBoot and Python. Our services serve approximately 4 million incoming requests per day with 99% uptime. * Design and implement datalake, datawarehouse, and clickstream analytics based on AWS cloud services in real time (saving ingress traffic approximately 45k link clicks to our database per day). * Optimize and tune the data warehouse into a cache to reduce scan requests and costs. * Code review, deploy, and arrange a schedule for team members following Scrum methodology. * Manage 4/9 services in our product, and my managed services bring around 70% of the annual revenue for the company. * I spend 80% of my daily time coding; people management is 20% at rest. | | |
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| **Project Manager** | Engma Ltd. | 08/2015 – 01/2018 (Vietnam) |
| I was the manager of 14 cross-functional people.  * Researched cutting-edge techniques and proposed a well-architected mobile and web framework for each project. * Managed 6 outsourcing projects for Japanese clients from the initiation to closure phases. Subjects included car park management, staff management, and the online healthcare system. * Mentored Scrum framework in projects helped the company reduce the risk of budget and time underestimation (at least 1 month of cost savings in the latter projects). * Mentored and promoted 3 tech lead talents for the company. * Trained 5 freshmen to be full-stack developers, reducing 50% of the hiring cost. | | |
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| **Senior Software Engineer** | Nsoft | 01/2013 – 01/2015 (Korea) |
| Developed web-based text editorDeveloped e-book reader application on Android phones | | |
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| **Senior Software Engineer** | Uzen | 07/2011 – 12/2012 (Korea) |
| Developed social network application for K-pop fans on Android phonesDeveloped back-end APIs to scrape media data from the Internet | | |
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| **Mobile Game Developer** | Gameloft | 01/2008 – 07/2009 (Vietnam) |
| Developed 3 mobile games for touch-screen phones | | |
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| **Full Stack Developer** | Sang Tao | 03-12/2007 (Vietnam) |
| Developed 3 e-commerce websites for Japanese clients | | |
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| TECHNICAL SKILLS | | |
| * Programming languages: Java, Python, Nodejs, PHP, React Native, React.js * Database: MySQL, MongoDB * AWS EC2, S3, SQS, API Gateway, Lambda, Firehose, Redshift, Quicksight * GCP VM, BigQuery, Pub/Sub * CI/CD, Kubernetes, Git * Github link: <https://github.com/martinsangdo?tab=repositories> | | |
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| **TEACHING EXPERIENCE** | | |
| **Lecturer** |  | 07/2021 – Present |
| Greenwich University || Vietnam campus | | |
| * Teach web development to approximately 20–30 students in each course. * Mentor students to complete their final dissertations (web and mobile projects) each semester. | | |
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| **PUBLICATIONS** | | |
| 1. Sang Do-Thanh, other authors. **Centroid Neural Network with Simulated Annealing and Its Application to Color Image Segmentation**. *ICONIP 2012* 2. Sang Do-Thanh, other authors. **Color Image Segmentation Using Centroid Neural Network**. *AICI 2012* 3. Sang Do-Thanh, other authors. **Financial Time Series Prediction in Cooperating with Event Knowledge: A Fuzzy Approach**. *MICAI 2010* 4. Sang Do-Thanh, other authors. **Standard Additive Model in Data Mining**. *CyberC 2010* 5. Sang Do-Thanh, other authors. **Intensifying the Performance of Nonlinearity Approximation by an Optimal Fuzzy System**. *ICISA 2010* 6. Sang Do-Thanh, other authors. **Standard Additive Fuzzy System for Stock Price Forecasting**. *ACIIDS 2010* | | |
| **Profile link:** [**https://scholar.google.com/citations?hl=en&authuser=3&user=B4aawgoAAAAJ**](https://scholar.google.com/citations?hl=en&authuser=3&user=B4aawgoAAAAJ) | | |