CURRICULUM VITAE

Mr.Wutthipat Chalermchatwichien
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Education

2012 **Chulalongkorn University**   *http://www.cu.ac.th*
  Bangkok, Thailand
  ● Faculty of Engineering / Major in computer engineering
  ● graduated from Master of Engineering on Mathematics Model for Computer Architecture Research Field in 2013 with Excellent Level

2006 **Chulalongkorn University**   *http://www.cu.ac.th*
  Bangkok, Thailand
  ● Faculty of Engineering / Major in computer engineering
  ● graduated from Bachelor of Engineering in 2012 with GPA : 2.94

2003 **Wat Suthiwararam College**   *http://www.suthi.ac.th*
  ● Department of Mathematics – Science
  ● graduated in 2006 GPA : 3.93

Internship

2010 **Krungthai Computer Service (KTBCS)**   *http://www.ktbcs.co.th*
  Bangkok, Thailand
  ● Database Management Department
  ● Responsibility for managing Database Management System

Working Experience

2013 - 08/2015   *http://www.cdg.co.th*

- Working on the Research and Development team for J2EE Project and JSF Framework at CDG Group System Ltd.
- Create custom Web Based Components using Primefaces Libraries
- Create, modify and fix bugs for the Client-side script and Server-side functions as request of each site project
- Related with web-application performance using load test and improve it
- Modify the Eclipse IDE Statistical Plugin, Rabbit, for gathering the timing informations of developing section that reflect the efficiency of custom libraries and components

01/2016 - 07/2016   *http://www.thomsonreuters.com*

- Be a part of scrum team to deliver the story or fix the bug arranged by priority
- Create REST web service to serve customer request with API standard including documentation
- Maintain and improve the performance of the web service to be able to deal with Big data
- Manage the auto build, deploy and test running using Jenkin tool, Puppet deploy and shell script command
- Create the unit test to cover all the functions written on web service
- Create end-to-end testing using robot framework with python script to mock some data on database, send the requests and validate the output as expected by covering all possible input and output
- Tracking the bugs and problems using Kibana
- Measure the performance of web service using Grafana

07/2016 - 11/2017   *Allianz Managed Operation & Services(Thailand) Co., Ltd.*

- Be a part of scrum team in China product called RSA- RoadSide Assistance application of the organization
- Create REST web service to serve internal/mobile APIs and customer integration using Spring Boot framework
- Using Hibernate ORM-Object Relational Model for connecting MySql databases.
- Managing database migration using liquibase script
- Do data archiving using Spring batch processing
- Manage the security of internal/mobile APIs and customer application using OAuth2 security library
- Using RabbitMQ to broadcast public object to the processor class which subscribe the specific queue and gather the specific object using routing key

- Using Redis in-memory DB to be able to collect the objects for multiple purposes such as OAuth security token, Geolocation, Caching etc.
- Using MongoDb library to collect the Geolocation and query the nearest distance between customer breakdown location and RSA driver
- Using Git for managing the version control of code
- Using basic shell command to investigate the log for finding the root cause of bugs raised by QA or customer
- Using Maven build tool to define the dependencies of the module and build the project to be deployed
- Be a part of team to design the architecture of the application

11/2017 - 11/2019   *https://www.scale360solutions.com*
- Be a lead of scrum team as a senior backend developer to do GDPR Compliance Project
- Propose ideas to provide internal service or internal library to make all microservices been compatible with GDPR
- Design and implement an internal logging library to be able to mask sensitive data and also unmask logging data to be readable by specific staff aligned with GDPR
- Using Scala language and Akka framework to implement library with functional programming approach
- Design and implement health-check library cooperating with core engineering team to make the product been capable to be checked the health status with some monitoring details for easily tracing the issue on production environment
- Implement based image for deployment using docker to be able to use health-check docker command together with team-provided health-check library
- Promoted as Backend Technical specialist training Scala for all new joiners and also assisting other teams solving the technical blocking issues
- Research on how can we integrate our product with 3rd party module such as payment gateway and propose ways to do integration depending on the pros and cons of each direction
- Design software architecture to meet the requirement using best practice and standard

01/2020 - Now   *https://www.ddproperty.com*

- Be a senior backend engineer to serve new features to the agency that uses our service as an asset property broker using Node.js and Express framework
- Support all issues occurred in the system and give an advice to related colleagues how to prevent the problems

Skills

Language

- Thai(Native)
- English Good (Capable to communicate well), CU-TEP 507

Computer

- Windows, Mac or UNIX Operating System / Microsoft office Application / J2EE / Spring / Struts / JSF / JSP / JPA / Servlet / HTML / XML / XSL / Ajax / OOP/ UML / JAVASCRIPT / JQUERY / CSS / SQL Language / Hibernate / Database Management System / Oracle / Web Server / REST Web service / Based Unix Commands / Shell script / Python / Robot framework / Jenkin / Git / Puppet / Spring Boot framework / Eclipse / RabbitMQ / Redis / MongoDB / MySql / Maven build tool / Liquibase script / Spring Batch / Intellij IDE / Scala / Akka / Akka Stream / Akka Actor / Kafka / Elasticsearch / Functional Programming / SBT build tool / Docker/ Akka HTTP / Node.js/ Typescript/ Express framework/ CI/CD/ AWS

Personal Data

- **Date of Birth** 12th April 1988
- **Age** 32
- **Nationality** Thai
- **Religion** Buddhist
- **Marital Status** Married
- **Health** Excellent

References   Available on Request