Sorada Prathan

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Professional Experience:

Java Programmer   May 2019 – October 2019
Innopia (Thailand) Co., Ltd   Bangkok, Thailand

- Contributed to software development and web development projects.
- Collaborated in a team to develop the Digital Student Loan Fund System (DSL) system for Krungthai Bank in the Litigation and Enforcement Management (LES) module.
- Wrote front-end components using VueJS, communicating with a RESTFUL API.
- Created RESTFUL APIs endpoints using Spring.

Java Programmer   September 2016 – May 2018
TEAM Consulting Engineering and Management Co., Ltd   Bangkok, Thailand

- Contributed to software development and web development projects.
- Maintained and updated applications and modules.
- Collaborated in a team to develop the Project Management System (PMS), designed to manage project information.
- Implemented Java Persistence API (JPA) through Hibernate.
- Participated in the development of Hibernate, including mapping files, configuration file and classes to interact with the database.
- Designed databases for applications.
- Developed databases in MS SQL.
- Developed GUI using JSP, HTML, ZUML, AJAX, JavaScript, CSS
- Used Design patterns such as DAO, DTO, Business Object (BO), Builder, MVC
- Created a project and code documentation.

Test Engineer   March 2016 – August 2016
Aspire Technology Company Limited   Bangkok, Thailand

- Tested the Account Receivable (AR) module of the Huawei system, used by Total Access Communication Public Company Limited (DTAC).
- Responsible for: Performance Testing, Regression/ Stress and Load Testing.
- Executed test cases
- Prepared test reports
- Used PL/SQL to retrieve data and perform data validations and comparisons for regression testing.

Technical Skills:

- **Database**: MSSQL, MySQL, Oracle (9i,10g 11g R2, 12c), IBM DB2
- **Programming Languages**: Java, C#, C++, PHP, ABAP, MATLAB, ASP, Razor, Servlet, and JSP, SQL, T-SQL,VueJS
- **Oracle**: Oracle Form Builder, and PL-SQL
- **Protocols & APIs**: XML, JSON, REST
- **Microsoft Technologies**: SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), MVC 5
- **Other Technologies**: J2EE Technologies, Spring Framework
- **Operating System**: Windows Server 2012, Windows 10, Linux Ubuntu, and Unix Solaris
- **Operations/Management:** Git, GitLab-CI, SVN

Education:

Diploma in Cybersecurity	2021-present	Toronto School of Management	Toronto, Canada
Master of Software Engineering	2014-2018	University of Malaya	Kuala Lumpur, Malaysia
Bachelor of Information Technology	2009- 2012	Multimedia University	Cyberjaya, Malaysia

Volunteer Work:

Web Developer/Designer Intern   March 2012 – May 2012
Surindra Rajabhat University   Surin, Thailand

- Responsible for creating an online academic evaluation system for students to evaluate lecturers. Resulting in enhanced teaching and improvement of a lecturer's ability to self-access their teaching.
- Created documentation about the system.

Honour's and Awards:

- **Best Presenter Award at the Research Monitoring Seminar** (**2015**): *recognized for achieving excellent research project, and being the best presenter in software engineering research field at Faculty of Computer Science & Information Technology, University of Malaya*
- **Postgraduate Research (PPP) Grant with Account No. PO032-2015A** (**2015**): *A research grant designed to support projects by postgraduate candidates, with the view of publishing these manuscripts in Q1-Q4 of Web of Science Journals*
- **Second Class Honours (Upper Division) (2012)**: *Bachelor of Information Technology, major: Software Engineering*
- **Dean's List** (**2011**): *Faculty of Information Technology, Multimedia University*
- **Dean's List** (**2010**): *Faculty of Information Technology, Multimedia University*
- **Dean's List** (**2009**): *Faculty of Information Technology, Multimedia University*

Publications:

- Prathan S., Ow S.H. (2017, November). **A model for predicting and determining the best-fit programmers using prognostic attributes**. In: Alfred R., Iida H., Ag. Ibrahim A., Lim Y. (Ed.), Paper presented at International Conference on Computational Science and Technology (ICCST), Kuala Lumpur, Malaysia (Vol. 488, pp. 294-301). Singapore: Springer.
- Prathan, S., & Ow, S. H. (2020, March). **Determining the best-fit programmers using Bayes' theorem and artificial neural network**. IET Software. doi: 10.1049/iet-sen.2018.5440