

ERICKO GERIN T. DE LA CRUZ

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**EDUCATION**

2006 - 2010 **DE LA SALLE UNIVERSITY - MANILA**

Bachelor of Science degree in Computer Science, Major in Software Technology, May 2006.

Term 1 School Year 2009-10 - 2nd Honors Dean’s Lister

Term 2 School Year 2009-10 – 2nd Honors Dean’s Lister

**PROFESSIONAL SUMMARY**

Developer analyst with experience in banking, fast paced telco business environments as well as desktop and web applications, UNIX/Linux systems, and problem solving to provide exceptional user and operations support.

**EXPERIENCE/HIGHLIGHTS**

Feb 2018 – Present **PROGRAMMER ANALYST II, FIS PHILIPPINES**

Maintains AllProfits, a core banking web-based application and one of the products of FIS

**SWIFT 2018 amendments for AllProfits**

Overview: A SWIFT code is a code used to identify the country, bank and branch that an account is registered to. When you send money to a bank account overseas like WorldRemit, you will need this code to ensure your money’s going to the right place. A SWIFT code is sometimes called a BIC (Bank Identifier Code). AllProfits uses the SWIFT Protocol in certain modules like Trade and Finance. Most of AllProfits

clients were banks and financial institutions in Southeast Asia area and extensively use the SWIFT messaging feature.

Every year the SWIFT organization releases new updates to the protocol. There are over 10 SWIFT sub protocols that was assigned to me and my job was to update/modify those existing templates based on the annual amendment/updates.

On top of the team’s usual maintenance duties, production support and tight schedule, the team managed to finish the project in less than 3 months where it normally takes half a year to finish. The team also has zero experience in banking and finance (Team was newly hired on the same year to replace 10-20-year experienced HK senior developers)

Technologies used: Java/JSP/MSSQL/Custom Jasper Reports

Strategies used:

1. Consultation with business analysts and experts in the team from the start of the project until its completion

2. Self-study and research of the SWIFT protocol and AllProfits Swift messaging feature.

June 2016 – Feb 2018 **SOFTWARE DEVELOPMENT ANALYST, SMART TELECOMMUNICATIONS.INC**

Maintained service delivery platforms (Unified Reloading Manager) for SMART/TNT retailers and subscribers. Acted as 2nd or dev level support for day to day operations

**One Eload - URM Web Server**

Overview: URM is a middleware handling retailer eload transactions. It uses a transaction queueing system handled by daemons (concurrent TCP server written in C) that connects to different URM Web Services (concurrent TCP server written in Java ) that uses SOAP protocol to send/receive requests to different 3rd party Charging Interface Systems. Smart’s new initiative at the time is to unify all charging interfaces into one.

I was tasked to design and develop a new web server/service for the new charging interface (One Eload). This was my first time developing a web server/web service individually. On top of my usual responsibilities, I was able to finish the project before the deadline (2 months).

Technologies used: C/Java/Bash/Linux/Apache Tomcat/Maven/SoapUI/Oracle 10g

Strategies used:

1. Collaboration and consultation with a senior teammate and Huawei (the owner of the new charging interface)

2. Self-study and research of existing web services

Nov 2016 – Nov 2017 **FREELANCER, UPWORK**

Took on Java desktop application development jobs

**JavaPOS**

Overview:A point-of-sale system written in JavaFX with MySQL backend and has specific hardware support (bar scanner and printer). It was written for a small convenience store.

Technologies used: Java/JavaFX/MySQL/Maven

May 2011 – October 2014 **SENIOR MOBILE SERVICE DEVELOPER, XYBERSOLUTIONS.INC**

Developed Perl/Bash server-side applications (SMS and MMS content providers) in UNIX/Linux Platform, maintained SMART/SUN servers and WAP sites, automation of reports

**CIMD Protocol update for SMART Access numbers**

The company uses their own internal implementation of CIMD protocol using PERL and BASH. SMART has mandated the company to use a new version of CIMD protocol to provide SMS and MMS content to its subscribers. I was tasked to develop a general-purpose daemon (written in perl) that uses the new CIMD protocol to process various subscriber transactions.

Technologies used: Perl/Bash/Linux/MySQL

Strategies used:

1. Collaboration and consultation with key persons (my team lead, solutions architect)

2. Self-study and research of existing cimd protocol daemons

July 2010 – March 2011 **ASSISTANT IT INSTRUCTOR, STI COLLEGE PARANAQUE**

Taught Java, Visual Basic, Computer Networking, Linux and Microsoft Office/Open Office Tools

February – April 2010 **PRACTICUM TRAINEE, RISING TIDE**

Assisted Operations Manager in encoding/uploading audio data and managing the database for SMART Telco’s Mobile Services; handled updates for WAP sites.

**REFERENCES**

Available upon request.