

# Aaron James Banda

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## PROFESSIONAL SUMMARY

A developer with extensive experience in developing and supporting mission critical applications. A purpose-driven professional active in engaging, training and mentoring others. Bringing an in-depth understanding of software deployment and system design illustrated over years of experience in similar roles.

## SKILLS

<b>Programming Language</b>	C/ C++, Assembly
<b>Scripting Language</b>	Ruby, PHP, JavaScript (jQuery), AJAX
<b>Database</b>	MySQL, SQLite
<b>Frameworks</b>	Rails, Laravel, CodeIgniter, Twitter Bootstrap
<b>Server Management</b>	UNIX Operating Systems (Ubuntu, CentOS), Cloud, Virtual Private Servers, Remote Shell Access (SSH), FTP/DNS, WHM, Virtual Box
<b>Others</b>	WordPress, Joomla! (CMS), Flash Builder / Flex, Adobe AIR Applications (AJAX/HTML), PhoneGap, Search Engine Optimization (SEO), HTML, CSS

## WORK EXPERIENCE

### SOFTWARE DESIGN ENGINEER

SparkSoft Solutions, Inc. (*Previously Blue Chip Designs, Inc.*)  
2008-2019

**Job Description:** Responsible for planning, designing and full-stack development of projects up to its deployment stage. Also assists lower-level programmers and work closely with clients.

#### Optical Shop Inventory System (2019)

Designed a system to monitor sales and inventory of a shop with multiple branches.

#### Front-desk Visitor Login System

Digitized visitors' login system that generates statistics report regarding the visitor flow.

#### Back-end monitoring for an Internet Provider Client (2017-2018)

Maintains a system designed to monitor multiple servers and other related systems.

#### Roving Guard Monitoring (2017-2018)

Created a GPS-based system used to track security guards monitoring an area.

#### Machine Efficiency Monitoring System (2016-2017)

Devised a system for a manufacturing company that to check and monitor the efficiency of their equipment by tracking the time of usage and production's output.

#### Pharmaceutical ERP (2015-2019)

Designed an online system used to track sales from purchasing procedures to delivery to clients. Includes basic accounting procedure to trace clients' payments and printing of invoices and delivery receipts.

### **SparkSIS (2014-2019)**

The predecessor of A-B-SIS; Re-structured the system as it was revised and repackaged to cope with the current K-12 educational system.

### **Online DBMS for Member Tracking (2013-2019)**

Designed a system structure for a multinational company DBMS that is used for tracking and managing its members under their program which includes training schedules and profiling.

### **SurveyPlus (2013-2014)**

Devised a mobile data-collecting system that is generally used for marketing research and surveys via Android devices. This includes a web server for storing and analyzing of data collected.

### **iSecure-PhilJust (Online Bar Review) (2012-2013)**

Created a pay-per view bar review web application for lawyers and students.

### **i-CALL (Online Language Tutorial) (2011-2012)**

Developed an online English tutorial site that handles matching of teachers and students and plotting it in a calendar for scheduling.

### **Baul (Ballads and Epics Archive) (2010) <http://epics.ateneo.edu/epics>**

Put up an archive site for a Philippine anthropologist's collection. The archive itself stores videos, audio files, photos and articles about the different ballads, epics and traditions of 15 local linguistic groups.

It was redesigned to a PHP based framework (from ROR) in 2014 due to a client's request.

### **iGolping (SwingPractis application) (2010) <http://vimeo.com/28180393/>**

Handled the front-end of a *Flex* application for a golf simulation.

### **VideoVitae ( Job Searching Website ) (2009)**

Worked on a *Joomla!* based website for online job searching that stores videos as means of application.

### **A-B-SIS (School Information System) (2008)**

Developed an online school information system that allows the schools and universities to manage procedures and other functions even for multiple branches.

## **EDUCATION**

### **Bachelor of Science Degree in Computer Engineering**

Pamantasan ng Lungsod ng Maynila  
(*University of the City of Manila*)  
Intramuros, Manila; S.Y. 2003– 2008

Dean's Lister (2004- 2008)

DOST-SEI (R.A. 7687) Scholar (2003-2008)

Department of Science and Technology through Science Education Institute