

ROY KIPRONO RUTTO

OBJECTIVE

Seeking an opportunity to utilize my skills and abilities in Software Development and IT project management. Specialized in Software Development, in particular, Web and Mobile Application development. I have good experience in Web Business Analysis. I am capable of managing multiple tasks, balancing competing priorities and responding quickly to changing business and IT needs. I am open to working in an environment that offers challenges and professional growth.

WORK EXPERIENCE

@iLabAfrica - Strathmore University

August 2011 to present

Research Assistant (Software Developer):

Projects

- **Mobile Web-based Data Collection System (Climatepal - Kenya):** Work included developing a Mobile Web application (HTML5 & JQuery Mobile) and Web Application (PHP & MySQL) to collect stove distribution, questionnaire and geo-location data from field officers and generate managerial reports. Training field officers on how to use the system.
- **Clinical & Care Management Software (Leecare Solutions - Australia):** Software application development and database design (Java, GWT, MySQL). Continuous Integration deployment (Jenkins/Gerrit). System Maintenance and upgrading, modules worked on include Clinic Facility Management, Reports - Report Filtering, User and Roles Management. Off-shore client support. Bug fixing and testing.
- **E-Reader Application (IT University of Copenhagen and @iLabAfrica Collaboration):** Academic Research work that included Development of a mobile e-Reader in Android and research on student reading culture and possibility purchasing and reading e-books using entry-level smart phones.
- **Drupal Website (St. Basil's Homes - Australia):** Drupal module installation and deployment. Developing iCal calendar for events on St. Basils Drupal website and linking to Google Calendar events.

Simple Alliance Ltd

April 2011 - August 2011

Web Business Analyst

- Create business processes descriptions, use case scenarios, work flow analysis, drafting and reviewing system requirements, specifications, and recommendations related to proposed web solutions.
- Testing of web applications for quality and suitability for release.
- Developing functional specifications and design specifications for client engagements.

Technology Today Ltd

April 2010 - June 2010

IT & Technical consultant

- Troubleshoot hardware problems: local printers, network printers, desktop computers, laptop computers, UPS, D-LINK Switches, CISCO Router and Fax machines.
- Involved in the deployment of new hardware and software, and evaluation and troubleshooting of new software (LINUX/WIN 7 and security risks).

Key Skills:

Technical Skills:

Java, (J2SE, J2ME, J2EE) PHP, HTML5, JavaScript, Android, SMS, Databases: MySQL, PostgreSQL

Development Tools & Applications:

Eclipse, NetBeans, MySQL WorkBench, Linux Ubuntu

Writing Skills:

Technical writing, Academic papers, Grant proposals, IS documentation

Key Courses and Training:

Mobile Application Development, Research, Requirements & Business Analysis, Proposal writing, Project Management, Client support

EDUCATION

Masters in Mobile Telecommunication & Innovation **July 2011 - present**

Strathmore University - Safaricom Academy

Relevant Course Work: Ideation on solving business and societal problems through mobile telecommunications. Mobile technologies such as Android, iOS, J2ME and web programming, wireless infrastructures/technologies and mobile & web security. IS documentation, technical and proposal writing.

Bachelors in Business and Information Technology

January 2007 - April 2011

Strathmore University

Graduated with a 2nd Class Upper

Business

Relevant Course Work: Business Finance, Marketing Principles, Business Information Systems, Cost and Financial Accounting. Created business plans and models that assisted organizations in strategic alignment of IT and business goals.

Information Technology

Relevant Course Work: Application Development, IT Project Management, Multimedia Design, Technical Planning, and Research Methodologies.

Created working prototypes for numerous web site projects and desktop applications.

Kenya Certificate of Secondary Education

January 2003 – November 2006

Sunshine Secondary School

Graduated with a Mean Grade: A

Kenya Certificate of Primary Education

January 1997 – October 2002

Langata West Primary School

Graduated with a Mean Grade: A-

INTERESTS & ACTIVITIES

- Volunteered at St. Mary's Mission Hospital home.
- Volunteer Mobile Boot camp facilitator at @iLabAfrica
- A student mentor at @iLabAfrica incubation program.
- Playing music instruments (guitar and drums) for local band.

REFEREES

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