

RESUME FOR MR. ATIB HABIBU

<i>Proposed Position:</i>	Lead Programmer
<i>Name of Firm:</i>	ICT Consults Ltd.
<i>Years with firm:</i>	Four (4) years
<i>Name of Staff:</i>	Atib Habibu
<i>Profession:</i>	Programming
<i>Membership in Professional Societies:</i>	Association Of Computer Machinery

CAREER PROFILE

Build a strong career in the area of Distributed Technology and E-Security with focus to advance to management level.

AREA OF EXPERTISE

Distributed & E-Security Technologies.
OO Programming (Java, C++)
Programming (Ansi C, VBA)
Scripting: PHP
SQL and PL/SQL programming
RDBMS (Oracle 7.x.x, 8.x.x, Ms-Access, Forms 4.x, 3.x)
Databases: Object Oriented Database, Distributed Database, RDBM
Object Oriented Analysis and Design.
Software Engineering Analysis and Design
Networking.
Corba (orbix and orbixweb)

COMPUTER SKILLS

Languages: C, Java, C++, Perl, VBA, PL/SQL, and PHP Scripting

DBMS: Oracle 8.03, Object Store. Ms-Access, Oracle Forms 3.x, 4.5x,

Operating Systems: SunOS 5.6, SCO-UNIX 3.2, Win95, WIN/NT 4.0, and MS-DOS.

OO Methodology: Booch, UML.

Middle Ware: CORBA (With Orbix & OrbixWeb), DCOM, RMI and JDBC.

Socket: Winsock and socket.

CASE Tools: Rational Rose, Stp (Software through pictures).

WWW Publishing: HTML, Perl, Servlets, PHP and Java.

Networking: TCP/IP, Socket Programming, Client/Server Programming using SunRPC, Distributed Database design issues, and Distribute Information System Engineering.

EMPLOYMENT RECORD

Oct 2001 - todate	Lecturer Institute of Computer Science Makerere University. Prepare and conduct lecture, tutorial and labs. Prepare and mark exams, test, and assignment Monitor student's progress.
Feb 2001 - Aug 2001	Trainee with Java Security team IBM Deutschland GmbH Operating System:
WINNT/95 and LINUX.	Duties Software analysis and design. Web application
development using	Java tools but focusing on security risks in E-Commerce application Using Java 1.3, Servlet, JSP, DB2, JSSE, IBM Web
sphere Application Server and HTTP Server.	Report to Project Manager.
May 2000 - July 2000	Network Support RMIT University Civil/Geology Department Operating System: Windows NT Work Station
/Win95	Novel. Duties Hardware/Software Installation, system maintenance and configuration. Network
monitoring/maintenance	Administration work, Customer service. Report to Systems Manager
March 1999 – November 2000	Sessional Tutor/Lab Demonstrator. RMIT University Computer Science Department.
	IT Environment Operating System: Unix, Windows 95, and Windows NT Server. Windows NT Workstation. Software: Oracle 7.x.x, 8.x.x, MS Access. Subject Taught are C, Java Programming, Database Systems.
	Duties Prepare and conduct tutorial & lab demonstration for 30 Students. Labs mostly involved designing and developing programs.

Mark assignment/Test during the semester.
Monitor their progress and come up with a Monthly report,
which is presented to Subject Leader.
Report to Course Leader the student progress.

July 1997 – March 1998

**System Administrator/ Payroll Master
Group Securitas, Uganda Branch.**

IT Environment

Operating System: Windows 95, Windows NT Server,
and Windows 3.11

Duties

Configuration and administration of systems, and peripherals.

Installation and maintenance of both software, and hardware.

Supervision of a team of 10 computer staff.

Provide User support within the company.

In addition Prepare computerized pay roll for 1200 employees.

August 1996 – May 1997

**Mathematics & Information Technology
Teacher**

St Augustine's College, Wakiso Uganda.

IT Environment

Windows 95, Windows 3.11. Dos.

Duties

Teach both A' level pure and applied mathematics and Information Technology to both A' level and O'level.

Which involved how to use computers, introduction to windows, word, excel, access.

POST STUDIES TRAINING

03/02/03 – 21/02/03

School on Radio Use for Information and Communication Technology

11/11/02 – 21/11/02

Web Enabling Technologies for Scientist at ICTP in Trieste, Italy.

04/04/02 – 21/04/02

E-Learning training at Delft University in The Netherlands.

ACADEMIC PROJECTS

July – Oct 2000

Project: A three – tier client/server application manages bookshop.

Objective of the project: To develop the application using concept of GUI, Composite Server (middle –tier), Data Access Server (third-tier).

The back-end contains books available at warehouse, customers and their details (including simple credit details), and the order that the customers place to the bookshop.

Implementation: The application implemented with the following

technology Java RMI, JDBC, SWING and Oracle.

-The GUI is performed by an applet running under applet viewer.

-A DAS is Java application running continuously on the server, the database is an oracle instance, running on the same server.

-The Composite Server (middle tier) is a Java application continuously on the server.

-The communication between the GUI and Composite Server is via Java RMI interface.

There is no direct communication between GUI and DAS.

-The communication between the DAS and Composite Server is via Java RMI interface.

-The communication between the DAS and Database is via Java JDBC interface.

May – July 2000

Project: Web based On line Request Application

Objective of the project: To develop an on line request application on the web for people interested about postgraduate studies at RMIT University.

The backend was developed using Oracle 8.x.x

The front end was developed with PHP 4.0 script and HTML.

April – June 99

Project: Web based Student Information System.

Objective of the project: To Develop a system on the web where staff/student can access student information on line. That involves student enrolment status, results. Provide security such that access is provided to only RMIT staff & student. It's designed in a distributed environment since University has more than one campus.

Description: This system was developed using the Software engineering Life Cycle (Waterfall) paradigm. The design of the system was based on Distributed Database, where you had to apply fragmentation and replication techniques to know how data was meant to be distributed across different campuses.

The backend was developed using Oracle 8.x.x

Programming language used is perl and CGI scripts.

Web was designed using HTML.

A web based Student Information System where a user can request and retrieve student information on line.

System was developed in SunOS5.05. Team size was 4 where the role rotates between leader and member.

August – October 99

Project: Multiplex Server

Objective of the project: To develop a server, which could provide service to multiple clients at the same time. An example is the internet.

The server was written in Ansi C programming using the Socket programming in the Unix environment.

We also implemented it in Windows NT environment using Winsock and Visual C++ programming.

This was an individual project.

EDUCATION

July 99 - Nov 2000

Master of Technology (Computing)

RMIT University, Melbourne, Australia.

Major Subjects:

Advanced Client & Server Architecture (Using CORBA with both C++ and Java

Programming using Orbix and Orbixweb respectively).

Network Programming (Unix and Windows NT),

Web programming and digital Media.

Commercial Database Tools (Software used for demonstration is MS Access)

Distributed Architecture.

July 98 – June 99

Graduate Diploma in Computing Studies

RMIT University, Melbourne, Australia.

Major Subjects:

Software Engineering Analysis and Design, Advanced Programming (Data Structure), Data Modelling, Database Systems, Distributed Database,

Object Oriented Database, Distributed Systems, Ansi C

programming, Object Oriented Programming using Java.

Oct 93 - Jun 96

Bachelor of Science (Mathematics)

Major Subjects:

Pure & applied Mathematics, Psychology, research methods, problem, solving on, Computer, Statistics, Biomathematics, and Pascal programming

PROFESSIONAL AFFILIATIONS

- . Member of Australian computer Society (A.C.S)
- . Member of Uganda Mathematics Society (U.M.S)
- . Life Member of Makerere University Mathematics Student Association (MUMSA)

SKILLS

Communication

Student representative for Distributed System

on Staff and Student committee at RMIT University

Worked as Computer operator & Teacher

Group4 Security Uganda Limited St Augustine's College Wakiso respectively.

In year 12 was quizmaster.

Presented and conducted weekly Quiz.

Interpersonal

Member of RMIT International student Association.

Member of RMIT Muslim Association.

Soccer player in RMIT UNION .S.C Botswana Soccer team in Melbourne.

January 1998

Elected Sport's secretary

Kibuli Youth Council II.

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experience, and me.