**Introduction about your self**

My name is Biruk Abel. i will start with my educational background, I graduated my bachelor of science in Computer Science with distinction from Debub University currently known as Hawassa University in July 2006. Currently I’m studying my masters in Computer Science at Addis Ababa University. I have actually completed the course work and working on my Thesis on Geez to Amharic Machine Translation. Regarding my work experience after completing my undergraduate study I continue to work as a teaching assistant at Hwassa (Debub) University in September 2006 I worked around a year. I was main instructor for courses Fundamentals of programming, Introduction to Computer science and teaching assistant to courses like internet programming and computer architecture and organization.

Then a joined Cybersoft as a software engineer I worked around 5 years. I was a team leader of software developers working on an application called Integrated investment information system. My duties include decomposition of the system in to smaller and manageable tasks, assigning modules to developers, preparation of estimated schedules for each module and developing the system as well. The application was a web based application which is a 4 tired application (DAL, BEL, BLL, UI) with back end developed in MS SQL server and front end with .Net framework. Technologies used c#, ASP .net, java script,

Then I continue to work at Construction design sco. As a programmer and worked there for 11 months. During my stay at construction design. I have prepared requirement analysis document and system design document for a web based application called construction project planning and supervision. The development was done using .Net framework, MS SQL server.

Finally I started working at ECX as a .Net Application developer; it has been 3 years since I joined ECX. During my stay at ECX besides software development I have been working as a delegate of my manager during his leave to handle all administrative/managerial tasks of business application and data warehouse department. Moreover, after the resignation of my manager I am currently working as a focal person to administer/manage all activities on the department. These administration tasks like preparation of weekly report, attending weekly meeting with CIO regarding tasks performed with in a week, annual work plan preparation. And develop/fix/maintain various business applications of the exchange like Clearing and settlement, e-Trade. Additionally I apply quick fixes to other applications during an issue for example website, ETL, Ticker application, website feed, CD, work flow, membership. And history data retrieval request from departments of the exchange.

Software systems developed during course work of my graduate study include Amharic spell checks using finite state automata and c#, semantic search for Ethiopian historical events using SPARQL and RDFS, GIS application to locate warehouses of ECX and available commodities and amount using Google API and java script, data warehouse and data mining system for national bank of Ethiopia to determine delinquency status of exports using WEKA and MS SQL Server, Drop box application using java RMI. And gained software development documents preparation project plan, risk management plan, RAD, SDD and TPD.

To summarize I have worked around 9 years and 4 or 5 months at various local companies.