

# Ebby Wiselyn

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## EDUCATION

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- 2010 2012 UPPSALA UNIVERSITY, Sweden  
*Master Program in Computer Science*  
CGPA: 4.3/5
- 2003 2007 ANNA UNIVERSITY, KARUNYA INSTITUTE, India  
*Bachelor of Engineering in Computer Science*  
CGPA: 8.1/10

## SUMMARY

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- Over 7 years of professional experience covering JVM environments(*Scala, Java*), *Python, Erlang, C, GNU/Linux Environment*.
- Over 3 years of open source experience in *GNU/Linux, GNOME, Novell Evolution*.
- Ex-Programmer/Maintainer/Contributor for Linux, GNOME Desktop.
- Experience working in successful startups.

## INTERNATIONAL ACHIEVEMENTS

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- 2007 *Google Summer of Code* grant for developing *Evolution* Google Calendar.
- 2008 *GNOME Foundation Member*, Bug Triager, Maintainer of Google Calendar Backend for Evolution Data Server.

## TECHNICAL SKILLS

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- PROGRAMMING LANGUAGES  
OO languages(*Java, Python*), *C, Functional (Scala, Erlang, Scheme)*.
- SOFTWARE MANAGEMENT AND OPERATING SYSTEMS  
*Emacs, Eclipse, GNU autotools, git, SVN, Bugzilla, GTK, glib, GNOME(Platform), GNU/Linux*.
- AREAS OF INTEREST  
*Performance & Scalability, Concurrency, Advanced Algorithms, Streaming(Data Processing)*.

## WORK EXPERIENCE PROFILE

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### 1. 2014/06 – Now, **SCYPHO AB** Stockholm

- DESCRIPTION  
Scypho AB is an IOT startup which provides smart heat control, through a learning thermostat. Responsible for Architecting, Designing, and Implementing Scypho's core cloud services from scratch. Also built the realtime data streaming platform with realtime and batch dataprocessing.
- ENVIRONMENT/LANGUAGE  
*Scala, Python, Play framework, Amazon EC2, Node.js, Kafka, PostgreSQL*

2. 2012/09 – 2014/05, [KING AB Stockholm](#)

- DESCRIPTION

King is a social gaming company which produced Candy Crush. Worked in the core Platform and data warehousing team. Developed scalable platforms/frameworks for King's games. Also build the first *Lambda Architecture*, for distributed data-processing platform for handling traffic over 8 billion events.

- ENVIRONMENT/LANGUAGE

Java, Kafka, MySQL, memcached, Esper, Apache Spark, Hbase

3. 2009/06 – 2010/06, [Mobile Arts AB Stockholm](#)

- DESCRIPTION

The goal of the *thesis* work was to investigate a cost effective implementation of call control parts of a Voice Mail call forwarding service in an existing GSM call service environment. The media and the signalling bearer towards the GSM handset should be RTP and IP respectively. While the VMS side should have TDM and ISUP/SS7 as the media and signalling bearer.

Implemented the GSM Call control signaling for call forwarding as per 3GPP spec

- ENVIRONMENT/LANGUAGE

Erlang/OTP, git, 3gpp specs.

4. 2007/06 – 2009/06, [Wipro Technologies India](#)

- DESCRIPTION

Unified Communication(UC) is a SDP practice within Wipro to provide a single container unifying all communications. Worked on the product Office In a Box which provides UC with managed LAN, managed security, managed storage.

- ENVIRONMENT/LANGUAGE

Java, GNU/Linux, Zimbra Collaboration Suite, RHEL Cluster Suite

5. 2007/06 – 2009/06, [Wipro Technologies India](#)

- DESCRIPTION

Developed the Blu-ray middleware stack; for Blu-ray players. BD-J refers to the application programming environment that supports Blu-ray systems based on JavaTV specifications. Worked in Multimedia Home Platform; Blu-Ray Java middleware, and Implemented the HAVI Level 2 UI support for BD-J specification.

- ENVIRONMENT/LANGUAGE

Java, GNU/Linux, J2ME, HAVI Level 2 UI, Java 2D graphics

6. 2007/04 - 2007/08, [Google Summer Of Code](#)

- DESCRIPTION

Google Summer of Code sponsored by Google is a global program that offers student developers stipends to write code for various open source software projects

Selected in Google Summer of Code 2007, as part of GNOME organization. Worked on GNOME/Evolution; Implemented Google Calendar backend for evolution data server. Wrote the initial Google Data Services library for GNOME (libgdata)

- ENVIRONMENT/LANGUAGE

GTK+, Glib, GNU/Linux, C, XML

7. 2006/11 - 2007/03, [Novell](#)

- DESCRIPTION

In-house intern in Novell after getting selected through Novell Open Source Internship (NOSIP).

Wrote the print support for Evolution using GTK+ print APIs, Using Cairo library for Image rendering and Pango library for font rendering Worked around calendar, tasks, address book, and mailer component of Novell Evolution. Fixed Critical bugs and participated in product releases.

- ENVIRONMENT/LANGUAGE

GTK+, Glib, C, GNU/Linux, Pango, Cairo

## ACADEMIC WORK

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- GSM CALL SERVICE

Implemented GSM call service stack in Erlang/OTP according to existing 3gpp standards. The project was done in collaboration with Mobile Arts, as part of an academic course. Erlang / OTP

- TWIMIGHT ANDROID

Developed android sensor application for disaster ready twitter android application Twimight. The integration was demoed as part of the ExtremeCom 2011 held in Amazon. Key features were Audio / Speech Classification, Activity Recognition, Integration with Twimight android twitter client, Java, Android. This was a proof of concept for the paper which won the best [paper](#) in extremecom 2011

## VOLUNTEER WORK

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- GNOME foundation member [2007/06 – 2009/06]

Member of the GNOME foundation for doing a significant contribution in terms of bug traiging, bug fixing and maintaining modules.

- GNOME Bugzilla [2006 - 2007]

Active in triaging and fixing bugs, and having a score of over 13 bugzilla points.

## LINKS

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- [GitHub](#)
- [Google Calendar](#)
- [GSOC 2007](#)