

# Ebby Wiselyn Jeyapaul

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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 12 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. 2017/08 – Now, [DEMONWARE/ACTIVISION](#) Vancouver

- DESCRIPTION  
Architect, Design and develop server side datapipeline platform, which involved writing efficient, fault-tolerant, distributed, highly performant services, that can scale for several Call of Duty titles.
- ENVIRONMENT/LANGUAGE  
Kafka, Python, Tornado, librdkafka, Docker, k8, AWS, GCP

### 2. 2014/06 – 2017/08, MANETOS AB Stockholm

- DESCRIPTION  
Manetos 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. Manetos cloud was designed to be a microservice event sourced architecture using Kafka.

- ENVIRONMENT/LANGUAGE  
Scala, Python, Play framework, Javascript, Amazon EC2, Node.js, Kafka, PostgreSQL

3. 2012/09 – 2014/05, [KING AB Stockholm](#)

- DESCRIPTION  
King is a social gaming company which produced Candy Crush. Worked in the core Platform team and later in the data warehousing team.

In the core platform team worked on backend server side frameworks and libraries to scale King games.

In the data warehousing team built the first *Lambda Architecture* in King. for distributed dataprocessing platform for handling traffic over 8 billion events.

- ENVIRONMENT/LANGUAGE  
Java, Kafka, MySQL, memcached, Esper, Apache Spark, Hbase

4. 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.

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

- DESCRIPTION  
Developed the Blu-ray middleware stack; for Blu-ray players. 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](#)