Ebby Wiselyn Jeyapaul

Vancouver, British Columbia
+1 6047048506
ebby.wiselyn@gmail.com

EDUCATION

- 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

- 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

- 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

- 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

1. *2017/08 – Now*, DEMONWARE/ACTIVISION *Vancouver*

   - DESCRIPTION
     Designing the 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, librdkafka.

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. Also built the realtime data streaming platform with realtime and batch dataprocessing.

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

3. *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 built the first *Lambda Architecture,* 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 cal-

endar, 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

- 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

- 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

- GitHub

- Google Calendar

- GSOC 2007