**Curriculum Vitae**

**Koustubh Sharma**

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**OBJECTIVE:**

To learn and function effectively and efficiently in an organization, to excel as a professional by continuously upgrading and improving knowledge, skills and deliverables.



**ACADEMIC QUALIFICATIONS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QUALIFICA | INSTITUTE | COURSE | YEAR | CGPA/ |
| TION |  |  | OF | % |
|  |  |  | PASSING |  |
| Master of | Lund University, | Wireless | 2016 | 4.4/5 |
| Science | Lund, Sweden | Communication |  |  |
|  |  | Engineering |  |  |
|  |  |  |  |  |
| Bachelor of | Vellore Institute of | Electronics and | 2012 | 8.65/10 |
| Technology | Technology, Vellore, India | Communication |  |  |
|  |  | Engineering |  |  |
| 12th [Upper | Kalidas Sr. Secondary |  | 2008 | 83.4/100 |
| Secondary | School, Ujjain, India |  |  |  |
| School] |  |  |  |  |

**WORK EXPERIENCE:**

**Developer, Innovate Early Career Program, IMS Gateways SBG PDU, Ericsson AB Stockholm Sweden: 22-Aug.-2016 till now**

1. Working for development of LI functionality for SBG node in IMS for both virtual and native track.
2. Writing functional test cases to test the functionality for SBG.
3. Troubleshooting customer issues for effective resolution of problems related to IMS-SBG.
4. Completed courses related to Ericsson’s NFVi stack including BSP, HDS, CEE, ECM, ENM etc.
5. Had 4 weeks of business module training in New Delhi, India and Kista, Sweden as part of the program. This included trainer led finance and business courses from Indian Business School and meetings with the local customers, key account managers and regional strategists to understand the position of Ericsson and their approach towards the regional market.

**Tech Lead: Ericsson Mining Engagements, Innovate Early Career Program, GFTB Advanced Industries, Ericsson AB Stockholm Sweden: 01-Oct.-2017 till now**

1. Working as tech. lead for Ericsson's mining engagements globally. Supporting engagements with Ericsson's IoT platform, connectivity and private LTE infra. solutions.

**Customer Support Engineer, General Electric Healthcare, Stockholm Sweden: 01-Sept.-2015 till 28-Feb.-2016**

1. Troubleshooting the issues that came up in the GE medical equipment.
2. Responsible to support sales units across GE Nordics for technical pre-sales engagements.

**Developer, Ericsson AB Stockholm Sweden: 15-June-2015 till 31-Aug.-2015**

1. Worked on test automation framework for robustness testing of LTE RBS on Java, JCAT.
2. Developed automation test cases for robustness testing of LTE RBS.

**R & D, Software Developer at Combain Mobile AB, Lund Sweden: 21-Mar.-2014 to 31-Apr.-2015**

1. Indoor mobile positioning through wifis: was responsible for coding the program and developing the test environment in Matlab.
2. Responsible for analyzing data, graphs and statistics for algorithm and code development.
3. Researched on development of precise Wi-Fi based indoor positioning algorithms.

**Customer Service Engineer in GE Healthcare, India: 16-Jan.-2012 to 16-Aug.-2013**

1. Managing 12 service dealer engineers’ daily operational activities in the central region of India.
2. Rectifying the technical issues occurring in the GE machines at the customers’ site.
3. Maintaining the Connectivity Uptime of VPN network connecting the major equipment above 80%.
4. Providing the design issues of machines to Complaint Handling Units (Development team) at Madison (WI) USA, to bring up changes in the machine designs.
5. Awarded as Best Service Engineer for the Month of May’13.



**TECHNICAL SKILLS:**

**Programming** Erlang, Matlab Programming, Java, C.

**Tools** Emacs Eclipse, Wire Shark, OMNeT++, Keil Microvision , Code Composer Studio, CST.

**Modeling Tools** Matlab, NI Labview, Solid Works, V Spice, OrCAD P-Spice, MultiSim,

Opnet IT academic Edition, OptSim , AWR Design Environment.



**PROJECTS:**

1. Comparison of energy efficiency between macro and micro base stations using energy saving schemes in a heterogeneous network environment; characteristic implementation and analysis of the whole system was done in Matlab.
2. OFDM Communication system between two machines.: Made a packet based system to transfer data using ARQ/NACK protocols on OFDM using CRC code using a speaker and a microphone.
3. Automatic water motor controller for detecting the water level of various tanks for reducing the wastage of water in a locality. Programming part was done in C.
4. Won best design award for remote controlled robot in RoboMatrix at Gravitas, an international robotics competition.



**ACADEMIC ACHIEVEMENTS:**

1. Won Huawei’s Talent 2015, Sweden: I was offered a full paid trip to Beijing and Shenzhen, the head quarter of Huawei to gain insight on research and development in Huawei.
2. Won theSwedish Institute’s Scholarship Competition 2013 out of 5000+ total test takers, jointly organized by Swedish Institute and Student Competitions across India. Was awarded complete tuition fee waiver with living and travel expenses to pursue MS studies in Sweden.
3. Won the Lund University Global Scholarship during Master’s studies.
4. Best Thesis Award in Bachelors and Bronze Award as token for commendable work done in GE Healthcare.
5. Was consistently among the top 10% students in the University.
6. Presented technical papers at the international level paper presentation symposiums.
7. Won the first prize in Inter-school general knowledge competition and MBD talent search examination at High School Level.

**EXTRA- CURRICULAR ACHIEVEMENTS:**

* Swedish Institute’s Future Global Leader.
* EP Manager in AIESEC Lund chapter and star performer of the year.
* State level gold medalist in karate championship.
* Coordinated and organized various events in the college tech fests**.**



**PERSONAL INFORMATION:**

**Swedish ID number:** 19910816-9070

**Sex:** Male

**Residence Permit:** Transferrable and Extendable

**Languages known:** English, Hindi, Swedish.