Pawan Kumar Tiwary
Mobile: 9971125556 ~ **E-Mail:** pawantiwary@gmail.com

Job Objective

Seeking suitable assignments in Software Design & Development in an organisation of repute (Except telecom domain) preferably in Bangalore or Pune

Profile Summary

- A dynamic individual with nearly 3 Years of experience in software programming and product development
- Proficient in end-to-end development of software products from requirement analysis to system study, coding, testing, documentation and implementation
- Currently associated with Samsung India Software Engineering Labs, NOIDA as Developer
- Skilled in Programming & Troubleshooting skills with sound knowledge of C and C++
- Possesses a Customer-Centric and Systems-Driven approach to designing business solutions
- Effective communicator with problem solving & analytical skills

Core Competencies

Software Design & Development	Product Development	Software Testing
Troubleshooting	Liaison /Coordination	Team Management

Organisational Experience

Since Sept'12   **Samsung India Software Engineering Labs, Noida as a Developer**

Key Result Areas:
- Worked on QxDM tool to analyse the logs for Qualcomm chipsets.
- involved in deep understanding of the UMTS and LTE protocol development
- Involved in issue fixing phase reportedly on LTE from the UE side.
- Working on Module writing for protocol modem using system programming.

Highlights:
- Given extra working hours to complete the project in time.
- Undergone intensive training for protocol understanding.

Aug'10-Sep-12   **Wipro Technologies, Banglore as Developer**

Key Result Areas:
- Involved in designing and developing the MAC layer.
- Involved in end-to-end testing of MAC layer.
- Mentoring the new joinees in the project.

Highlights:
- Achieved Excellent Rating in Wipro for successfully meeting with clients deadline.
- Successfully passed all the competency test UCF1.1 and UCF 2.1

Projects Handled

Title: **Protocols in WCDMA, LTE**
Organization: **Samsung India Software Engineering Labs**
Role: **Developer**
Duration: Sep'12- Present
Description: The project aims at maintaining the QOS in every user equipment for Packet Switch Call. So a proper analysis of the issues has to be done by finding out the exact implementation defect and then correcting it.

Responsibilities:

- Doing the precise analysis of the log, having proper understanding of the issues that are present and rectifying it from the protocol perspective
- Participating in understanding of the code development and playing a key role in maintaining it

Wipro Technologies

Title: LTE Small Cell
Organization: **Wipro Technologies**
Role: **Developer/ Tester**
Duration: Aug'10-Sept-'12
Organization Wipro Technologies
Description: The objective of the project was to develop LTE small cells along with macro base stations to serve the dual purpose of enhancing the capacity and coverage with reduced CAPEX/OPEX cost. This helped the operators to build more efficient networks and deliver enhanced user experience. It took care of the profitability challenges of operators with 4G roll out and simultaneously helped to reduce the subscriber churn.

Responsibilities:
- Designed and developed the message interface from MAC to Scheduler, MAC to PHY and RRC to MAC
- Tested the messages for MAC layer and integrated the same with other layer of eNodeB
- Framed the code on C++ with UNIX Interface
- Mentoring the new joinees in the project.

Technical Skills

Technical Skills   : C, C++,
                          Data Structures and Algorithm,
                          UNIX System Programming, IPC and Socket Programming
Technology   : Wireless (LTE)
Operating Systems   : UNIX & Windows
Tools   : gdb, valgrind, wireshark and QxDM.

Education

2010   B.Tech. (IT) from SRM University,Chennai with 7.1 CGPA
2004   12th from St. Giri Senior Secondary School, New Delhi, C.B.S.E with 62.2 % Marks
2002   10th from Sunshine High School, Muzaffarpur Bihar, C.B.S.E with 77.2 % Marks

Personal Details

Date of Birth: 27th September, 1987
Address: Brahman Toli, Gola, Muzaffarpur - 842001, Bihar
Languages Known: English Hindi and French (Basic)
Passport No: J4168557