**Anmol Krishna Mishra**

Mobile: +91-8197548290

Email: [anmolkrimishra@gmail.com](mailto:anmolkrimishra@gmail.com)

## Professional Experience

Over12+ years of experience in Development and Support Projects, across Gaming Domain, Retail

Domain, Telecom Domain, Embedded System, Warehouse Management and technologies.

* Currently Working in Scientific Games Pvt Ltd from March 2019 to till date.
* DXC Technology from September 2017 to March 2019
* Hewlett Packard Global Soft Pvt Ltd from October 2014 to May 2017
* Wipro Technologies from August 2007 to October 2014

## Technical Skills

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| --- | --- |
| Programming | C/C++, HP Basic, Core Java, Python2.7,Shell Script |
| Operating System | Unix/Linux, OpenVMS |
| Concepts | Data Structures and Algorithms |
| Tools | Stash, Jira, GDB, Valgrind |
| Cloud Service | Amazon Web Services |
| IDE | Eclipse, DEVC++, NetBeans,QT |
| Other | Agile Methodology, Design Principle and Pattern |

## Education

* M.Tech from IIT Kanpur in year 2007
* B.Tech in Electrical and Communication in Year 2005 from UIET Kanpur
* Intermediate from Dr. C.L.R Inter college Kanpur, 1996
* High from Dr.C.L.R Inter college Kanpur, 1994

## Awards/Certification

* Employee of the Month(2019 Scientific Games)
* ITIL Foundation certified (2015)
* Java SE 6 Programmer (1Z0-851) from Oracle, Bangalore (2015)
* “**Best Innovator**” award in Retail Vertical in Wipro (2012)
* “**Feather in My cap**” award for best contribution in WMS project (2011)

## Project Details

**Self Service Betting Terminal:** (Mar-19 to Till Date)

Organization : Scientific Games India Pvt Ltd

Client : Caesars – USA, Oneida, Bet Fred, Fire keeper, Golden Nugget etc.

Role : Lead Engineer

Language/Platform : C++11, Pyhton2.7, Shell Scripting, Linux (ubuntu 18.04), Jira, Stash

**Project Description:**

Self Service Betting Terminal is Machine where Player can place the bet on live events. This terminal has different peripherals like SNBC thermal printer, JCM Note Acceptor, Card Reader, Scanner Brander, NVRam, IOBoard etc.

**Areas I worked in are**

* Working on Hardware Abstraction Layer (HAL)
* Developed the host application to communicate with the peripherals
* Developed the Fieldworker application, which is used by the SSBT manufacture to test the SSBT before delivering the hardware (SSBT) to customer place as well as after installing the hardware at customer place
* Developed a HAL Simulator, run the end to end testing on VM for test automation

**Prism New Initiative:**  (Oct-14 to May-17 and Sep -17 to Mar-19)

Organization : DXC Technology

Client : Proximus - Belgium

Role : Team Lead

Language/Platform : C, C++, DCL Scripting, Java, OpenVMS

**Project Description:**

Proximus is the largest telecommunication company in Belgium, providing wide range of mobile and digital services. The aim of the PNI project is to maintain and support the provided applications and tools to run the Order Management Application on OpenVMS platform

**Areas I worked in are**

* Gather and understand the new requirement from client, build, test and deliver
* Monitoring problem and change management processes related to the PNI Application
* Manging the team of size 4
* Giving the training on C++, OpenVMS, Core Java

**Processing for Power Lines Vegetation:** (Nov-13 to Oct-14)

Organization : Wipro Technologies

Client : ERDF-France

Role : Senior Software Developer

Language/Platform : C++, Python2.7,Amazon Web Services – SWF, S3 and EC2

**Project Description:**

The target of this project is to provide new solutions Software as a service to ERDF for potential defect of Power Lines due to nearby vegetation.

Developed 3D imaging-based fault detection software for ERDF, to automatically detect defects in real-time without manual intervention leveraging intelligent algorithms.

This solution will reduce the maintenance cost (Electric line network over 7800 km) and increase number of visits to make a global inspection every year from every 3 years now.

**Areas I worked in are**

* Designed &developed Picture Partition Application to group the images into corresponding trunks based on geo-location information
* Developed, Drone KML application to produce a ‘KML’ (Keyhole Markup Language) file for Drone. This file is input for drone to take a its fly path
* Built spatial functions to deal with Spatial (geo) data to perform various task such as finding min and max geo location of particular area, finding the radii/ distance between 2 geo-location
* Developed a Python application to generate the CSV report and load on the Cloud S3
* Performed end to end testing of the application and prepared test specification document

**Warehouse Management System:** (Aug-09 to Oct-13)

Organization : Wipro Technologies

Client : Argos - UK

Role : Senior Software Developer

Language/Platform : C, C++, Shell Scripting, DCL Scripting, HP Basic, Unix, OpenVMS

**Project Description:**

Argos is one of the largest general merchandise retailers in UK. The project included end-to-end management software and processes that allow organizations to control and administer warehouse operations from the time goods or materials enter a warehouse until they move out. Operations in a warehouse include [inventory management](https://searcherp.techtarget.com/definition/inventory-management), picking processes and auditing.

**Areas I worked in are**

* Supporting the WMS 24x7 working hours for smooth operation of the WMS
* Prepared & shipped several automation scripts to reduce manual workloads and maintenance cost
* Sole responsible for Incident, Problem and Change management processes related to the WMS Application
* Acted as a part of core development of the WMS Application, prepared various technical specification document and facilitated code changes accordingly
* Created unit test cases executed and provided support during UAT phase

**AMBRADO-AHE-ENCODER-BOX:** (Nov-07 to Aug-09)

Organization : Wipro Technologies

Client : Ambrado Integrated Multimedia Solution (USA)

Role :Project Engineer

Language/Platform : C++ and Core Java, Linux, SDL, STL

**Project Description:**

Encoder box product takes digital HD/SD audio/video as an input and gives output as broadcast Quality MPEG2 transport stream. This box was used for converting poor quality video to high quality output. This box provides hardware codec engines to implement own custom solution for various markets.This Encoder BOX can be configured by three ways as given below

1. Using LCD Display and 4 Keys
2. Using Command Line Interface
3. Using Static Website

**Areas I worked in are**

* Designed Graphical User Interface for LCD Display and key input functionality to configure the BOX
* Developed simulation tool in the absence of actual hardware module (LCD and Keypad) to conduct application functional testing using N-curses Library
* Engaged in fixing all defects at Application Level Layer and Device Driver Layer during UAT
* Coordinated with RAD Tool Team to understand the framework, prepared object model and facilitated necessary changes in the GUI code as per framework
* Prepared various process documents like technical specification documents, test plan, test case document.

## Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

(Anmol Krishna Mishra)