

CHITRITA SHRIYAN

Technical Lead

Seasoned software engineer with 10+ years of IT experience in implementing and delivering complex solutions. Proficient in all aspects of SDLC using agile and waterfall methodologies. Highly skilled at coordinating end-to-end development activities across multi-location with cross skilled teams in fast-paced, deadline-driven environment.

Contact

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Skills

C, C++, VC++ 
Upper
intermediate

QT GUI 
Development,
QML Intermediate

Linux, 
Interprocess
Communicati
ons Intermediate

Gtest, Google 
ProtoBuff
Upper
intermediate

Data 
Structures ,
Algorithms
Upper
intermediate

Work History

2021-10 -

2023-06

Technical Lead

Wipro Technologies and MasterCard International Inc., Bangalore

Project Name: CSP Project

As a technical lead, I was responsible for design, development and system testing of each features. The project focused on authorization of EMV cards and its data generated by acquirer and the payment system.

- Developed and designed a chaining command into new HSM which validates MD and UMD cryptogram.
- Worked upon development and System testing of Pin Authorization.
- Developed a new service for validation of CVC and CVC1.
- Worked on existing service Modernization from legacy code.
- Used Google protobuf for sending data to internal communication and gtest framework for Unit Test purpose.
- Responsible for code deployment through CICD pipelines.
- Responsible for checkmarx and sonarqube analysis and ensuring the reports are clean.

2017-06 -

2021-09

Technical Lead

Wipro Technologies and IFDS , Toronto

Project Name : State Street Bank (SSB) – Ireland and

GIT, SVN, Perforce, JIRA, Service Now ALM, Confluence, Jenkins, CI CD	●●●●○ Upper intermediate
Checkmarx, Sonarqube	●●●○○ Intermediate
Boost Library , MFC & STL	●●●○○ Intermediate

Luxemburg.

As technical lead, I was responsible for design, development, support and delivery of various enhancements to support new client launches and new business functionality for SSB clients. These enhancements include changes to iFast Desktop Accounts, trade entry modules, Banking and transaction processing.

- Involved in project walkthrough, business requirements, JAD (Joint Application Design), Solution/Design, functional test plans and implementation sessions.
- Created High level Estimate and Technical Write up during SOW (Statement of Work) phase.
- Gathered the requirement details from Business Analyst, performed analysis and provided design/architectural approach.
- Manage team with all the development activities of Desktop application framework and International Mutual funds modules with respect to the product. This involves detailed walkthrough and review sessions with teams across locations.
- Responsible for co-ordination with various technology teams to deliver final product.
- SPOC from Development team for Architect, DBA, QAT, Release & Software Configuration Management and Dev Ops team for successful delivery of the project and software deployment process.
- Manage code deployment process to lower environments through CICD pipelines.

2016-10 -
2017-05

Senior Developer

Wipro Technologies and IFDS, Bangalore

Project Name: State Street Bank (SSB) – Ireland

As a senior software developer, I was responsible for development, support and maintenance of complex project module built using VC++ with legacy system which is Progress 4GL (used to store

data) product. The project focused on record keeping system, capturing customer data, execute transactions and process fees for wide array of products and plans and remains compliant with latest Industry and regulatory requirements. Communication between two systems was handled using Active MQ and data is exchanged in the form of flat files.

- Participated in design solution meetings along with technical lead.
- Developed and unit tested desktop application in VC++. Impact analysis on core modules.
- Coordinated work with other technical and infrastructure teams to ensure successful system integration.
- Ensured all development processes are followed throughout the project lifecycle and managed project repositories for smooth code delivery and merge.

**2014-12 -
2016-09**

Senior Software Engineer

*Wipro Technologies and Videojet Technologies Inc.,
Bengaluru*

Project Name: Videojet 1510 Scoping.

As a senior software developer, I was responsible for development, support and maintenance of project modules built using VC++. The project focused on enhancement and maintenance of Inkjet printers.

- Involved in maintenance activity of all inkjet printers in market.
- Enhancing the printer UI(Win32 and WinCE6) by adding new dialogues and frames.
- Developed Password generator tool using VC++.
- Responsible for bug fixes and enhancements. Regularly fixing field claims based on the requirement.
- To perform Unit Testing.
- Has been involved in the Daily status meeting, planning of the sprint, tracking of the issues,

ensuring proper delivery, participating in retrospective meeting and final delivery to the client.

- Reviewing code and unit test cases of juniors.

**2013-02 -
2014-11**

Software Engineer

*Wipro Technologies and Videojet Technologies Inc.,
Bangalore*

Project Name: Videojet X-Platform UI.

As a software developer, I was responsible for developing and testing of the designed modules in agile methodology for various types of Inkjet printers. The project focused on cross platform development with a rationale of having a single platform for all printing technology platforms like laser, inkjet printing and thermal printing. Maintain common user interface for all known software and hardware platforms. Significant benefit as it allows faster time to market and less time for maintenance. Bigger benefit to end customer by retaining standard/know user interface. Design and development of the Cross platform that would be used with all the products such as Laser, CIJ, LCM and TT Oprinters.

- Developed a logging module in C++ and QT software.
- Developed a Job data generation module in C++.
- Developed HMI interface in QML.
- Developed an Access Control module, Adjustment and File Management module in C++ and QML.
- Worked on SQL Lite Database for backend work of Access Control Module.
- Involved in the Daily status meeting, sprint planning and demo, tracking of the issues, participating in retrospective meeting and final delivery to the client.

**2012-01 -
2013-01**

Project Engineer

Wipro Technologies and Hospira, Bangalore

Project Name: Hospira Product Support

As a software developer, I was responsible for analyzing and finding root cause of field issues. The project focused on Plum The Plum A and Plum A 3 Volumetric Infusion Systems are designed to meet the fluid delivery requirements of today's evolving healthcare environments. Both are cassette based multifunction infusions systems. LifeCare PCA Infusion System with Hospira MedNetSoftware, used in a wide range of clinical settings, allows clinicians to administer, or patients to self-administer an analgesia safely and effectively within clinician programmed limits and/or hospital-defined medication limits.

- Responsibilities Included Data mining.
- Analyzing code for Investigations and finding the root causes.
- Analyzing the PER document and reproducing the malfunctions for Investigations.
- Creating Investigation Reports. Handling field issues.

2011-01 -
2011-12

Software Developer

*Wipro Technologies and Nokia Siemens Networks,
Kochi*

Project Name: NSN BSC S16.

As a software developer, I was responsible for analyzing and finding root cause of field issues. The project focused on designing software for wireless mobile communication(GSM). Configuring the BSC (Base StationController) and ensuring when a call or SMS is setup, it should reach the desired destination without any drop.

- Responsibilities included Development and Maintenance of measurement report handling module RCGSTA.
- Have been involved in the lifecycle from Low Level Design to Module Testing.

Education

2011-01 -

2014-12

M.Tech: Software Engineering

Birla Institute of Technology And Science - Pilani

2007-06 -

2010-05

Bachelor of Science: Computer Science

Mumbai University - Mumbai