Vimalathithan

Senior Software Developer

Seeking a full-time position that offers professional challenges and allows the utilization of strong interpersonal skills, effective time management, and problem-solving expertise. Eager to contribute abilities in a dynamic work environment to make a meaningful impact and continue personal and professional growth.

Contact

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Education

2005 - 2009

B.Tech: Information Technology

Sree Sowdambika College of Engineering – Madurai

Domains

Video Domain
Storage Domain
Printer Domain

Work History

2023-July - 2024-Feb

Project Leader

R systems International limited, Remote, India

- Involved in analysis defects and fixed it in this application
- Involved in Scrum, Agile Board, sprint planning, technical decision, team handling, coding and unit testing
- Managed team meetings and discussed project's goals and objectives.

2021-Apr - 2023-Mar

Technical LEAD

Harman Connected Services Pt. Ltd, Bengaluru, India

Project: MAXPRO VMS Application Development

- Company Overview: MAXPRO VMS supports emerging technologies in the industry, like 4K resolution, H.265 video compression codec, multi-imager cameras and fisheye cameras
- Implemented a complete end to end module of C++ COM with new features for SDK integration
- Zoom in and Zoom out features are added in the application one of the client cameras
- Involved in the development and testing functionality of cameras and Third-party cameras
- Challenges are have to integrate the cameras APIs in the application from the frontend C# and have added the functionality in C++ level in the corresponding APIs
- Once added need to check the flow of Streaming packets to this application
- Involved in analysis defects and fixed it in this application
- Involved in Scrum, Agile Board, sprint planning, technical decision, team handling, coding and unit

Skills

C++

C++ 11

C

Linux

Visual C++

OOPS

Multithreading

Data structure

STL

IPC

SDK integration

REST interface

Code debugging

Problem Solving

Team leadership

Agile methodologies

Project Management

Scrum Master

Jira

testing

- MAXPRO VMS supports emerging technologies in the industry, like 4K resolution, H.265 video compression codec, multi-imager cameras and fisheye cameras

2018-Nov - 2020-Dec	**Lead Engineer**
	Tata Consultancy Services, Bengaluru, India

Project: REST Development

Company Overview: NETAPP provides hybrid cloud data services to its clients

- Developed Accounts and Public key tables for Users in REST interface
- Challenges are have to learn SMF framework is owned by NetApp to create table and Yaml language for configuration files
- Implementing new features and Unit testing and responsible for closing the bugs by understanding code behavior and its impact on current versions and past releases
- Finding and modifying errors in code
- After Modifying the error related code need to verify it does not affect the dependent modules
- Need to do manual testing on the modified code and to check all the possible test cases of the modified code
- Participated in troubleshooting, bug fixing
- Involved in Scrum, Agile Board, sprint planning, technical decision, team handling, coding and unit testing
- NETAPP provides hybrid cloud data services to its clients
- Tested, evaluated, and fixed system bugs.
- Mentored junior engineers, contributing to their professional growth and overall team productivity.

2015-June - 2018-Sep	**Lead Engineer**
	HCL Technologies, Chennai, India

Project: Xerox Discovery NC and XIA Development

- Company Overview: Project consists of adding new or enhancement of existing features to the multifunctional printer

GIT

BITBUCKET

Burt

Review Board

Clear Quest

Jenkins

Accurev

- Implemented a complete end to end module with new features for clone description
- Added the new features USB detection event is particular modules and learned to write plugins to communicate the C++ modules
- Involved in the development and testing of Counter Enhancements for USB Improvement feature
- Involved in the development of the GUI and implemented business logic
- Participated in troubleshooting, bug fixing
- Involved in Scrum, Agile Board, sprint planning, technical decision, team handling, coding and unit testing
- Project consists of adding new or enhancement of existing features to the multifunctional printer

2011-May - 2015-June

Member Technical Staff

HCL Technologies, Chennai, India

Project: Xerox Discovery NC Development

- Involved in the development and implementation of business logic for new enhancements
- Involved in defect fixing for NC module
- Involved in the support, maintenance, and development of critical systems
- Implemented new features and worked with Agile methodology

Skill summary

- Technology Stacks: C, C++, Linux, Visual C++, IPC, Data structure, Multithreading and STL.
- Experience in Video Domain and Implemented a complete end to end module of C++ COM with new features for SDK integration.
- Experience in Storage Domain and have good conceptual knowledge about the Users Tables in REST interface.
- Involved in all phases of SDLC - Analysis, Designing, Development, Optimization, and Impact analysis.
- Worked with Agile methodologies and ceremonies for project development.

- Well versed in using XML parsing tool (XDS Viewer) & designing UML diagrams (Sequential & class diagrams)
- Experience in Printer Domain and have good conceptual knowledge about the Network Controller architecture.
- Track the daily roles of team members and enhance them to reach the productivity with great quality.
- Have completed major packets as a lead.
- Core expertise in code reviews and code debugging skills.
- Is a team lead for 6-member team and also acting as a Scrum Master.