Ramyashree M R **Engineer-Enterprise Technology Support**
Email-id: m.ramyashree@introlligent.com
Contact: +91 -9620735693
http://cadl.iisc.ernet.in/cadlab/people/ramya/

Objective:

Seeking a versatile, challenging and demanding career with high level of competence and responsibility, by rendering professional skills and thereby adding value to the organizational growth and self.

PROFILE SUMMARY

- Overall 3 years of experience in Tier2/Tier3 Production Support and Application Engineering activities.

Project 1:

Introlligent Solutions Private Ltd

Currently working in the capacity of **Engineer-Enterprise Technology Support**.

Introlligent is a client centric software development company providing Software development, Web applications, IT outsourcing for client's mission critical challenges with development services, Database Administration, System Administration, Quality Assurance, Application development, Technical support and Technical documentation. Major client being Apple

Apple Inc. (commonly known as Apple) is an American multinational technology company headquartered in Cupertino, California, that designs, develops, and sells consumer electronics, computer software, online services, and personal computers. Its best-known hardware products are the Mac line of computers, iPod media player, iPhone smartphone, iPad tablet computer, and the Apple Watch smartwatch.

Its online services include **iCloud**, **iTunes Store**, and the App Store. Apple's consumer software includes the OS X and iOS operating systems, iTunes media browser, the Safari web browser.

Responsibilities:

- Monitoring the schedule jobs / Late jobs.
- Performing the routine application health check.
- Handling the production issues within SLA period.
- Handling the production issues within SLA period.
- Fixing data related issues.
- Onshore-offshore coordination.
- Monitor & resolve all outage tickets in our queue.
- Involved in code level investigation and enhancements (SQL, PL/SQL, and Shell Scripting).

- Worked on Elastic Search, Logstash and Kibana for monitoring purposes.

Achievements:

- Developed a script which will give user access to multiple databases at time.
- Developed a script which will reduce the manual effort spent on health check performed on every day. Same script was also implemented across other applications like PFA application to reduce the manual effort. This eased the automated work on daily basis.

Project 2:

Indian Institute of Science, Bangalore

- Worked in the capacity of project Assistant from **Aug 2014 till Dec 2015**
- Successfully completed the project on High Performance Computing architectures (HPC) and parallel algorithms at Indian Institute of Science, under the guidance of professor S K Nandy.

Project Title **: Specialized Sparse Storage Formats**

a. Platform: Windows
b. Technologies: C, C++, Oracle (PL SQL/SQL) , UNIX , shell scripting
c. Team Size :2
d. Duration: Aug 2014 – Dec2015

DESCRIPTION:

Data Oriented System Design-Present system designs are instruction oriented designs. But analyzing scientific simulations which involve large amount of data movement needs data oriented systems. This enables acceleration of scientific simulations.

Specialized Sparse Storage Formats: - The performance of the scientific computations is limited by the data storage formats. For example, matrix-vector multiplication is an important kernel in many scientific applications. The performance can be improved by improving the data locality of scientific data structures. We are focusing on new sparse data structures to improve the data locality.

Ref : http://crpit.com/confpapers/CRPITV163Chinthala.pdf

Project Title : : **GMAccS, A Scalable GPGPU Model for Accurate Alignment of Short Reads**

a. Platform: Windows, Ubuntu
b. Technologies Used : : C , C++, OpenCL, CUDA, Bluespec
c. Team Size :3
d. Duration: Aug 2014 – Dec2015

DESCRIPTION:

Design of GPU Based Accelerator for Accurate Alignment of Short Reads in High Throughput Next Generation Sequencing [NGS] Platforms. The double-triple buffering can be illustrated from two Perspectives: the tasks executed and the buffers involved. In this single-GPU scenario, the size of the blocks XRb used in the GPU's computation is equal to that on the CPU. When using multiple GPUs, this will not be the case anymore, as the CPU loads one large block and distributes portions of it to the GPUs. The GPU's buffers are used in the same way as the CPU's buffers in the simple CPU-only algorithm: While one buffer α is used for the computation, the data is transferred to and from the other buffer β. But on the CPU's

level (i.e. in RAM), three buffers are now necessary. For the sake of simplicity, we avoid the explanation of the initial and final iterations and start with iteration b.

Ref : http://www.ece.iisc.ernet.in/~divsymposium/EECS2016/slides-2016-04-25/EECS2016_paper_31.pdf

IT SKILLS

Operating Systems **:** MacOs (iOS)
Skills **:** Shell script, PL SQL/SQL, Linux.

ORGANISATIONAL EXPERIENCE

- Currently working in the capacity of **Engineer-Enterprise Technology Support** for **Introlligent Solutions Private Ltd**.
- Worked in **Indian Institute Science, Bangalore** in the capacity of **project Assistant** from Aug 2014 till Dec 2015.

EDUCATION

- **BE | CSE/ISE** with **67.71%** **S.J.C. Institute of Technology**.
- **PUC** (12^{th}) with **61.84%** **Vijaya Pre-University College, Bangalore.**

- **SSLC** (10^{th}) with **71.84% Seshadripuram High School, Bangalore**

PERSONAL DETAILS

Full Name	:	Manchenahalli Rajgoal Ramyashree
Date of Birth	:	12th Dec1992
Father Name	:	Raj Gopal M.S
Mother Name	:	Meera Rajgopal L
Address	:	#1, Sri Sayi Nivasa, Sharadhanagar Arch Road, Yelahanka New Town, Bangalore
Gender	:	Female
Languages Known	:	English, Kannada, Telugu and Hindi
Marital status	:	Single
Nationality	:	Indian
Passport	:	R4669488

DECLARATION

I do hereby declare that all the information provided above is true to the best of my knowledge and belief.