

Objective:

To pursue a challenging job as **Senior Developer or Lead Engineer** that stimulates me to utilize and enhance my knowledge and expertise in the field of IT from real time professional experiences.

Professional Profile:

- IT professional with **MTECH** and **8+ years** of experience in Application and Systems Design/ Development with well-known product based organizations.
- Currently working with **Flipkart Internet India Pvt Ltd** as Software Development Engineer II.
- Leading the team of 5 members (SDE-1s,PSEs,SDE-2s) for their regular development asks.
- Continuously involved in development, code reviews, design discussions of the team BAU asks.
- Having very good knowledge on building the individual dropwizard web services which can handle very good scale from scratch.
- Have worked on many web services developed in Rest Framework (**Dropwizard Web services**).
- Have worked on languages as **C, Java**.
- Good in **Data Structures and Algorithms**.
- Good knowledge of **OOPS Concepts**.
- Very Good hands on **Mysql** (troubleshooting error, setting the cluster)
- Very much interested to work on applications designed with oops concepts.
- Having good knowledge and experience on the **Apache kafka framework**.
- Very good knowledge and hands on experience with **Hibernate**.
- Very decent Knowledge in Servlets, JSP and basic understanding of MVC framework (Struts).
- Having good experience in Agile mode of development
- Good understanding of product development life cycle – functionality conceptualization to product delivery.
- Very quick learner, easily adaptable to any technology or language.
- Adept in analyzing information system needs, evaluating end-user requirements, custom designing solutions, and troubleshooting any problems in the process.
- Demonstrated competencies in conceptualization / creation of flexible / expandable software architecture to meet client requirements.

Education

| Education | School/University | Year of Passing | Percentage/CGPA |
|---|---|-----------------|-----------------|
| Integrated Post Graduation (B. Tech & M. Tech, 5 years) | IIITM (Indian Institute Of Information Technology and Management), Gwalior. (Under MHRD). | June, 2010 | 7.57/10 |
| XII (Board Of Intermediate) , Andhra Pradesh | Nalanda Junior College | 2005 | 95.4% |
| Class X (AP State Board) | St. Charles English Medium High School | 2003 | 87.2% |

Awards and Achievements

- Received **3 times bravo award** in the current flipkart career.
- Been part of the hiring team for the campus interviews at IIT Bombay, BITS Hyderabad.
- Research paper titled, "Handling Data Leakage using Sound and Secure Query Evaluation Algorithm in Fine-Grained Access Control" ICCSIT 2010, Chengdu, China, conducted by IEEE COMPUTER SOCIETY. The paper will be indexed by IEEE Xplore.
- Research paper titled," Joint Routing and Scheduling in Wireless Mesh Networks based on Traffic Prediction Using ARIMA" accepted at ICCDA 2009, Singapore, conducted by IEEE COMPUTER SOCIETY. The paper is indexed by IEEE Xplore.
- Qualified **GATE 2008** with **AIR** of 315.
- State 5th in **IPE** (Intermediate Public Examination, Andhra Pradesh), 2004 1st year.
- Awarded **TCS GEMS** for being topper in TCS ILP (initial training program).
- Recipient of **Pratibha scholarship** from Andhra Pradesh government as an honor of merit.
- Selected among the top **1%** out of more than 4, 00,000 students from all over India in AIEEE 2005 (**AIR 5650**).
- Qualified IIT screening 2005.

Skill Sets

| | |
|------------------------------------|--|
| Operating Systems: | Windows XP, Linux (Basics), Mac OS |
| Programming Platforms: | |
| Java: | J2SE, JDBC, Servlets, Sprint and Hibernate. |
| Others: | C, PHP, JavaScript. |
| Database Packages: | MySql, Oracle 10g. |
| Software Packages and IDEs: | IntelliJ Idea 2019, Eclipse Galileo V3.5, Net beans 5.0, MS Office . |

Certifications

- Oracle Certified Programmer for the Java Platform, Standard Edition 6 (Previously it was **SCJP**).
- Oracle Certified Web Component Developer for the Java Platform, Standard Edition 6 (Previously it was **SCWCD**).

Work Experience

Flipkart Internet India Pvt Ltd as Software Development Engineer-II from Feb 2014 – Till present.

Team: Wall Street-Platform, FDP, Seller Platform

Projects: MP-Asl, Wallstreet 2.0, SPF, ASL-Neft processing, MPDiscounts, Accounting Gst, Rating Service, FDP-Dart, Seller Wallet.

Responsibilities:

1. Lead member in understanding, design and implementation all accounting BAU and implement in to the accounting services.
2. Implemented multiple dropwizard web services from scratch till mainitng in the production environment.
3. Good experience in dealing the mysql setup (setting the cluster, troubleshooting the issues).
4. Involved in the debugging, code reviewing and bug fixing of all the accounting BAU requirement developments of the whole team.

Achievements:

- 1) Received Bravo award 3 times at the flipkart career.
- 2) Received Best implemented project award for developing the whole GST in all the accounting services.

Cisco Systems India Pvt Ltd as Software Development Engineer-II from July 2012 –to Dec 2013.

Project: Cisco ASR 901 Series Aggregation Services Routers.

Cisco ASR 901 MWR is a cell-site access platform used at the cell site edge as a part of a 2G, 3G, or 4G RAN. Cisco ASR 901 developed on the Cisco ios (Internetwork Operating System).

Part of the L2 area component development team of the Asr901. And also part of the POE (Power over Ethernet) component development team in the ASR901S (Agora- Other version of Asr901).

Responsibilities:

1. Key member in understanding, design and implementation of Asr901 S Poe (Power over Ethernet) module, handling of interrupts generated by the Poe (Power over Ethernet) controller (SN2385).
2. Involved in Knowledge sharing among the team members for the above mentioned module.
3. Testing of the above mentioned module using Poe Specific equipment like **REACH**.
4. Involved in the debugging, code reviewing and bug fixing in the L2/L3 layer protocols like LACP, CFM.

Tools/Packages: IBM Clear Case, gdb debugger, REACH Tester.

Languages: C.

Samsung India Software Operations as a Lead Engineer from Jan 2011 – June 2012.

Project1: Key Delivery Management System for Secure Flash Devices

Secure Flash (SF) is a next-generation Digital Rights Management technology (Next Generation Secure Memory technology, www.nextgenerationsecurememory.com) aimed at the protection of digital content from unauthorized, pirated usage. The task of the project was the design and implementation of the License Agency system that manages the cryptographic keys.

Responsibilities:

1. Overall design of the key management system. This included the design of the system architecture in terms of the required modules, the data and control flow as well as the communication interfaces.
2. Technical leadership in understanding, design and implementation of suitable data structures, algorithms and various schemes for the complex core module of the system. This involved dealing with a tree data structure containing more than a trillion nodes as well as the underlying mathematical algorithms involved in the encryption/decryption schemes.

3. Knowledge sharing across development and testing team members for the above mentioned module.
4. Implemented BFS and DFS algorithms for optimizations of node storage and retrievals, in a situation where a lot of storage optimization required.

Skills: J2SE, Windows application development

Tools/Packages: Eclipse Galileo V3.5, IBM Clear Case.

Achievements: Core module developed for Secure Flash technology was licensed by NSM Group (Next Generation Secure Memory technology, www.nextgenerationsecurememory.com) generating considerable revenue for Samsung's memory division.

Projects (Academic Projects)

M. Tech Thesis (Mentor: Dr. Joydip Dhar)

Project Title: Handling Data Leakage and Maintaining Relationships in Fine Grained Access Control.

Packages used: Oracle 10g Express Edition.

Highlights: The main motive to address the problem of data leakage through the user defined functions during the execution of some of the query plans for getting the result of a query.

Achievement: Paper accepted at ICCSIT 2010, Chengdu, China, conducted by IEEE COMPUTER SOCIETY. The paper is indexed by IEEE Xplore.

Team size: 2.

Project Title: Inventory Management System for SMEs

Project Guide: Self Guided

Technologies Used: JSP, Servlets, JavaScript

Platform: Oracle XE, Apache Tomcat 5.0

Description: Implemented a software module of ERP – Inventory Management System, a fully automated system.

Team size: 2

B. Tech Dissertation (Mentor: Dr. Aditya Trivedi)

Project Title: Joint Routing and Scheduling in Wireless Mesh Networks based on Traffic Prediction using ARIMA.

Packages used: Qualnet Simulation tool, Mat lab 7.0

Highlights: The main motive was to optimize the worst case performance of Traffic oblivious Routing and Scheduling under traffic uncertainty in Wireless Mesh Networks using traffic Prediction models.

Achievement: Paper accepted at ICCDA 2009, Singapore, conducted by IEEE COMPUTER SOCIETY. The paper is indexed by IEEE Xplore.

Team size: 5.

Project Title: Data Migration

Mentor: self guided.

Technologies Used: J2SE

Packages used: Netbeans 5.0.

Highlights: A Data Migration software developed for migration of database from one backend platform to another implemented in Java swings and jdbc.

Team Size: 1

Personal Details

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