Amardeep Chandra Gupta
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Objective:

Intend to build a career that enables me to learn the software development and allows for advancement and work with leading corporate of hi-tech environment with committed & dedicated people.

Synopsis:

Technical Lead having over 10 years of experience in leading feature design of enterprise products and cloud application; led the architecture of cloud infrastructure orchestration and SaaS upgrade monitoring that used to provide management and visibility in pods and proposed solution for number of critical problem in SaaS environment; Designed and developed solution and product feature in APM for monitoring enterprise IT environment ; awarded with the many prestigious 'Going Above & beyond and Star' awards' given to the top performing engineers based on total impact to product.

Skills Profile:

Languages	**:**	Java, J2EE, C, C++, Python
Distributed Technologies	**:**	Zookeeper, Hadoop, MCollective, SaltStack, Apache Solr
Databases	**:**	Oracle 9i, SQL Server
Operating Systems	**:**	Lynx OS, UNIX, Windows
Network and Protocol	**:**	Sockets, TCP/IP, HTTP-1.0/1.1.
Application Server	**:**	IBM Web Sphere, BEA Web logic.
Tools	**:**	Rational Rose Real Time, Rational Application Developer (RAD), Eclipse, Maven
Middle ware	**:**	IBM Web Sphere and Active Message Queue (MQ)
Open Source Tools and Technologies	**:**	Spring, Apache CXF, Apache Flume, Apache Lucene

Special Skills:
JMS, EJB, IPC (TCP/IP), Socket programming, Message Queues, Multi-Threading Programming, Standard Template Library (STL)
Proficient in software analysis, design and modeling using Rational Rose Real Time and UML
Expertise in the design and analysis of **Algorithms, Data Structures**
Understanding of MapReduce concept and distributed programming
Expertise in the web services tools development
Experienced in design and development of Enterprise Level Products using Java/J2EE.

Familiarity with concurrent and functional programming
Familiarity with **OOP techniques** and **Design Patterns**
Familiarity with Application Performance Management for Enterprise IT Management
Familiarity with **SOA, Web Services, JMS, JCA, MQ** distributed-messaging
Familiarity with **MapReduce, Apache Hadoop, Mahout, Zookeeper,Apache Flume and Solr**
Other Skills:
Very rapid grasp of new concepts, particularly mathematical and algorithmic
Very rapid acquisition of programming languages
Excellent problem solving abilities
Ability to correlate and apply a diverse range of skills and knowledge to a problem
High degree of creativity and lateral thinking

Publications:
Authored whitepapers on technical topics like JavaScript Calculator, Setting up Maven Build environment.
Co-authored Disruptive Technologies - Mashups, a CA Technical Journal article.
(http://www.ca.com/us/lpg/ca-technology-exchange/mashups-by-example.aspx)

Working Experience:

Technical Lead (2014–Present), Oracle Corporation: Designing and developing modules for Fusion Life Cycle Management Product for SaaS platform.

Features: Disaster Recovery LCM task implementation for Primary and standby data center, developing orchestration framework for task, Log and Upgrade Monitoring across data center for SaaS environments.

Scope of work: I am involved in designing and coding for LCM module for SaaS environment. My responsibilities include extending distributed framework for LCM and orchestration within and across data centers for LCM. I have designed and coded the transport layer of orchestration framework, distributed coordination server using zookeeper, salt, mcollective and activemq.

Tools, Languages, OS: Eclipse, Java, Jython, Linux.

Technical Skills Practiced:

Java, Jython, Linux, mCollective framework, Oracle SaaS Platform etc.

Senior Software Engineer (2007–2014) CA Technology:

I was employed in **CA India Technologies Pvt. Ltd**. as Senior Software Development engineer and agent architect, have experience in design and development of CA APM Products.
Platform: Cross Platform
Company Homepage: http://www.ca.com
Product: Application Performance Monitor Solution, Consumer Experience Manager, Java Agent, APM SaaS

Features: Auto discovery of Queue Managers, dynamic transaction monitoring in Application Server, SQL Agent, Agent for monitoring spring framework and web services, Instrumentation for Java SE 7

Scope of work: I am involved in designing, coding and debugging of modules of Product. This also involves derivation and development of algorithms. Product is designed to monitor SOA environment and messaging component.

Coding –JAVA/J2EE/C++ was used for making different core modules of the product. It involved the use of reflection, messaging API, message queues and multi-threading programming.

Role: Employed as a Sr. Software Engineer and agent architect. The role involved architecting and development of software projects pertaining to CA Wily APM (Application Performance Monitoring) products. This role involves in working the various stages of a software development cycle project by working with the cross-functional teams (Like QA, Build, etc) across the globe and ensuring that the project flow completes in time and with high quality.

Tools, Languages, OS: Eclipse, JAVA, Windows, Linux, Solaris etc.

Contribution:

- Designed and developed features in APM for Customer Experience Manager

- Designed and developed feature called auto discovery of Queue Managers in Power pack of IBM MQ Series of APM and contributed in various Introscope extension and java\JavaScript calculator.
- Previously worked in product Brower Response Time Adapter (BRTA) of Introscope
- Designed and developed the Site minder Manager project for moving from shared memory communication to TCP/IP Communication

- Worked on various Unicenter Application Performance Management Products.

  - ➢ Unicenter Application Performance Management
  - ➢ Unicenter Management for Lotus Notes/Domino
  - ➢ Unicenter Management of Web Server

Technical Skills Practiced:

C,C++JAVA,J2EE, JSP, RAD 7.0, AIX, Web Sphere 6 & 6.1, JACL, Oracle 9i, 10g, Rational Rose, Korn Shell, Web Sphere MQ.

Software Engineer (2006-2007),WESEE (Ministry of Defence):
Project Name : CAIO-SNF
Organization: WESEE, Ministry of defense R K Puram New Delhi
Position held : Software Engineer

Description: CAIO-SNF (Computer-Aided Action Information Organization – SNF) is a computerized command in control system for P-17 ships. It is a multi-threaded application developed using Object-Oriented methodologies.

The system involves intensive use of various forms of IPC and Socket Communications.

Scope of work: As a team member I was involved in designing, coding and debugging and testing of various simulators and various modules, derivation and development of algorithms. Various tools were intensively used for different stages of development.

Requirement Analysis- requirements were captured using Rational Rose Requisite Pro.
Designing – Rational Rose for Real Time with UML as the specifying language.
Coding –VC++ was used for making different simulator to provide real time data to the system. JAVA and C++ in Visual Lynx was used to implement various modules in the system. It involved the use of IPCs such as sockets, message queues and multi-threading programming.
Testing – Testing is done using Rational Rose Test Real Time

Role:
· Played Key role as principle developer and contributed a lot to the Architecture, Design and Development.
· Designed and developed a point-to-point messaging framework.
. Designed and developed models for system using Rational Rose Real Time.
. I have implemented algorithms for data link computation and communication with the system providing fault tolerance.

Technical Skills Practiced:

JAVA, C++, Rational Rose RT (Technical Developer), Rational Rose Test Real Time, Lynx OS on PPC

Associate Software Engineer (2005 – 2006), Abacus SoftTech Limited:

Project Details
Security System (TAMS) (Smart Card based System)

Description   : Time attendance and access control system as a system is combination of TAMS software, Smart Card Reader and communication server. TAMS system can be operated through Internet, Intranet or VPN of an organization. TAMS is a multi-Server based system which communicates on TCP/IP .In Software different Category, Group, Grade, Designation of Employees can be defined. Employee can do shift scheduling, by Group or by Department. Various Leave operations like Defining *Leave* Rules, Leave Opening Balance, Leave Closing Balance, Short Leave etc. can be done. Attendance Rules like Late Coming Rule, Early Departure Rule, over time, Compensation off etc. can also be defined.
Software can be enabled to work on LAN or the WAN. By using web *based interface* information can be accessed from almost anywhere though out the network. Communication with various devices involved in system can also be done through browser.

Role: Development and Enhancement of the Time & Attendance Management System which is mainly used for time & attendance management with the help of smart Card and fingerprint biometrics system. The System contains various modules and my work is basically for enhancing the communication system of the Tams and updating this for new clients.
Responsible for debugging and developing the code for the system and automated analysis of
Image motion in monitoring and recognizing human facial expressions for attendance and access control .

Smart card Personalization
   Description: Smart card personalization consisted of java card Applet and host application that provides communication between a host application and a smart card is done through Application Protocol Data Units (APDUs). An APDU is a packet of data that conforms to a specific format.

Tool Used   : C**,** JCRE, Eclipse 3.0

Role : Design and develop java card applet for writing data like personal information ,finger print templates, access zone information etc in Java card after receiving APDU command from host application.

Technical Skills Practiced:

C, JAVA, J2EE, Oracle 9i, JCRE. Apache Tomcat

May 2004 -July 2004:

Place   : EscoSoft Technology (Escort Group), Faridabad

Position held: Project Trainee
Technologies: Oracle, Developer 2K (Form Designer6i, ReportBuilder)
Description: The work contains debugging and Enhancement **c**entralized software for Escort i.e. QUALITY ASSURANCE SYSTEM that check the quality of a tractor in different phases by inspectors. Guiding and Coordinating client for a project based on calculation of marks of entrance examination of Standard Charted Bank and enhance various module of this project.

Passport No.: Z2567642
Professional Qualification:
MCA   from Graduate School of Business & Administration**,** U.P.Technical University, Luck now 2002-2005 with 79%
Educational Qualifications:
B.Sc. (PCM), 2001, PURVANCHAL UNIVERSITY JAUNPUR
Higher Secondary Education (12th Standard), 1998, HINDU INTER COLLEGE GHAZIPUR U.P Board
Secondary Education (10th Standard), 1996, HINDU INTER COLLEGE GHAZIPUR, U.P Board