Megha Varshney
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Total Experience: 13+ years of experience in development, design and architecting of software solutions. Major technologies that I have worked on are as- Salesforce platform, APEX, LWC, SOQL and C/C++, JAVA.

Professional Experience

- Organization   :   Tata Consultancy Services.
  Designation   :   Associate Consultant (16-May-2022 to 28-June-2022)

- Organization   :   Incedo Technologies, Gurgaon.
  Designation   :   Technical Lead (Feb 2019- Apr 2022)
  Responsibilities   :   Estimation, Design, Development, Defect fixing, Unit Testing, Production Delivery

- Organization   :   Encore Networks, Chantilly, VA, USA.
  Designation   :   Software Engineer (Jul 2016 – Apr 2018)
  Responsibilities   :   Designing, coding, bug fixing, unit-testing, production deliveries

- Organization   :   Aricent Technologies, Gurgaon.
  Designation   :   Techinal Lead (Nov 2008 – Jun 2016)
  Responsibilities   :   Designing, coding, bug fixing, unit-testing, production deliveries

Projects Undertaken

- **DcMS**

  Location   :   Incedo Technologies, Gurgaon
  Client   :   Belden, Germany
  Period   :   Feb 2019 – Apr 2022
  Technologies Used   :   Salesforce platform

  Description: DcMS portal is for network operators, built on the Salesforce platform. It is designed to identify the right problems to focus on. It helps in rapid root cause analysis using a combination of events and data. Furthermore it enables the operator to configure and monitor the network devices remotely. It provides various dashboards to depict the statistical information. Automation of traffic alerts and bandwidth speed are done via flows. It consists various Apps for different purposes like Configuration, Monitoring and tuning of the etc.
  DcMS empowers the operators to upgrade their devices with the latest config or any patches released time to time. It also has the auditing features for monitoring, logging and reporting.

  Responsibilities:

- I was leading the end to end SFDC development activity on APEX development, data migration, integration and visual force/LWC and other customization.

- Involved in the automation of multiple business processes using Apex, Batch jobs, REST API, Process Builder and flows.

- Led the team in efforts for design, develop, training and user documentation. Responsible for production deliveries.

- Code review to enforce APEX and SOQL best practices.

- I was also moderating the scrum meetings to ensure the right pace of development and working out to resolve any impediments.

- I mentored the team for development of LWC components and did the code review to ensure quality deliveries.

◆ **Encore L2/L3 Routers**

Location	:	Encore Networks, Chantilly, VA
Client	:	Encore Networks, Chantilly, VA
Period	:	Jul 2016 – Apr 2018
Platform Used	:	Open WRT, C/C++ shell scripting and python, REST API, JSON.
Domain	:	Telecom

Description: EN Routers are cloud enabled routers designed to work in LTE public and private networks. EN Routers supports cellular data as well as traditional broadband.
These routers provide firewall, Ethernet, IP networking, WIFI hotspot and IP Security. It also supports failover from Cellular to WAN networks. These are routers are built over the Open WRT firmware.

Responsibilities:

- Involved in the feature development and maintenance of Encore proprietary high end L2/L3 routers.

- Primary role I played here was solution architect and team lead.
- I worked and led the team for the various feature development of cloud connection to Encloud to maintain failback and failover mechanism from cellular to WAN and vice-versa using MWAN3 plugin of Open WRT, WIFI hotspot for accounting of local commercial WIFI networks. I have also integrated the LTE cat-1 cellular wireless module into router from various vendor like TELIT, SEQUANS and QUANTA.
- Actively involved in board bring up, firmware upload on EEPROM.
- I mentored the team for development of these modules and did the code review to ensure quality deliveries.
- Close communication and coordination with the client to get the details of issues reported by client or encountered with end users.

◆ **SDN Application Development for HP VAN Controller**

Location	:	Aricent Technologies, Gurgaon
Client	:	HP
Period	:	Jan 2014 – Jul 2016
Platform Used	:	Java 1.9, Salesforce
Framework Used	:	Gherkin/Cucumber, Selenium3.6, Selenide4.2, Webdriver3.14
Domain	:	Telecom
Environment	:	Java 1.6, Spring4.6, Maven3.5, Jenkins, Python

Description: Software-defined networking (SDN) is an approach to computer networking that allows network administrators to manage network services through central controller entity. Developed the Load Balancing Application (includes Server Load Balancing and Network Load Balancing) for HP VAN Controller to dynamically manage the TCP and UDP Data across the network.

Responsibilities:
- My responsibility here was to lead the team from Design to development and porting of Load Balancing Application (Server Load Balancing I.e SLB and Network Load Balancing I.e NLB) on HP VAN,Floodlight and ODL Controller.
- Technologies used Core Java & OSGI Framework, Python, Multithreading, REST, SDN, HP, ODL and Floodlight Controller, Open vSwitch and Open-flow Protocol. Network Simulation Tool – Mininet, Virtual Box, VMWare, Junit testing framework.

◆ **Flexi Edge BTS - Nokia Solutions Networks**

Site	:	Aricent Technologies, Gurgaon
Client	:	Nokia
Period	:	Nov 2008 – Dec 2013
Platform Used	:	C/C++, Linux
Framework Used	:	Gherkin/Cucumber, Selenium3.6, Selenide4.2, Webdriver3.14
Domain	:	Telecom
Environment	:	Java 1.6, Spring4.6, Maven3.5, Jenkins, Python

Description: The Nokia Flexi Edge Base Station platform covers GSM/EDGE/GPRS technologies. The main feature of this Flexi Edge BTS is it can connect to BSC through Packet Abis Interface. Using this interface, date can be travel in both, packet switched and circuit switched forms. Apart from this it supports IP security, Synchronization and congestion control.

Responsibilities:
- Involved in requirement analysis, designing, coding, testing and bug fixing in many features during various releases of transmission domain, which is primarily responsible for setting Packet Abis interface between BTS and BSC.
- Extensively worked upon memory and process management like system level issues.
- Technology used: C/C++ (UML/OOAD), Linux, QNX 6.3.0, Clearcase, Marvell-6122/6185, Ethernet, ARP, ICMP and TCP-IP Protocol suite.

Technical Skills

Salesforce	Apex, Flows, Workflows, Triggers, Visual Force, Lightning Web Components, Salesforce configuration/customization, Metadata API
Languages	APEX, Java, Python, C/C++, Shell Scripting
Web Technologies	JavaScript, HTML, XML, JSON
Database	SOQL, SOSL, MySql, Oracle
Tools	Data Loader, VS Code, Git Hub, Salesforce DX, Workbench

Educational Details

- Maters in Computer Application from Aligarh Muslim University, 2008
- Bachelors in Computer Application from IGNOU, New Delhi, 2005
- Bachelors in Science (PCM) from Agra University, UP, 2004

Achievements :

- Salesforce Certified Platform Developer 1
- Elected as ARICENT ICON in "Rising Star" Category F.Y. 2011-12.
- Individual Excellence Award in Q4. 2011.
- Voted as "Extra Miller" for Gurgaon location.
- Snap awards for Team Excellence during various releases.
- Won Best Project and Peer Favorite Award in Nalanda Training.
- Awarded Obaid-Bin-Al-Nasari Gold Medal for securing highest marks in Department of Science.

Personal Details:
- Languages: Hindi & English
- Marital Status: Married
- Address- 316, RK Residency, Dharam Colony, Gurgaon 122017

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