

Software Developer Software Developer Software Developer - Delta Dental of California Santa Clara, CA 5 years of experience in software application development and testing in domains like telecommunication and dental insurance. Experience in developing software in leading technologies C, C++ and Core Java on Linux platform. Hands on experience on MySQL and PL-SQL to manage databases. Hands on knowledge of Python, JSON, XML. Exposure to different phases of SDLC i.e. features development, testing, debugging, documentation and providing maintenance support for client's products and applications. Knowledge of SS7 network, SNMP protocol, HTTP protocol, TCP/IP.

Work Experience Software Developer Delta Dental of California - San Francisco, CA June 2019 to Present PROJECT: Delta Dental Insurance Company (ESP Extensions Group) Responsible for rule-based extension implementation and Delta's claim application. Programming in Java(GUI) / C++(Application) / C(base rule) / Oracle SQL on Unix platform. Following Agile methodology.

Senior Software Engineer Altran - Gurgaon, Haryana December 2015 to October 2017 Software Engineer Aricent - Gurgaon, Haryana June 2013 to December 2015 PROJECT: Mobile Number Portability (MNP) MNP is a service that allows mobile subscriber to change their subscription from one service provider to another without changing their mobile phone number. Mobile number portability gateway enables number portability for operators in different countries. MNP is supported, validated, enabled, and managed by MCH. Each telecommunications service provider must implement the carrier-level systems NPG to communicate effectively with MCH. All the updates received by NPG are sent to STP (Signal Transfer Point) with the help of applications EPAP, ELAP and LSMS. EPAP (Eagle Provisioning Application Processor) and ELAP (EAGLE LNP Application Processor) are applications developed by Tekelec (now acquired by Oracle) that runs on a Multi-Purpose Server (MPS) hardware platform to support high speed provisioning of large databases for the EAGLE system. These applications serve two major purposes: 1. Accept and store data provisioned by the customer. 2. Update customer provisioning data and reload databases on the DSM cards in the EAGLE. LSMS (Local Service Management System) maintains a service provider's LNP (Local Number Portability) data. LNP allows a subscriber to change local service provider, while keeping the same directory number.

EPAP (EAGLE Provisioning Application Processor) EPAP is a software that runs on an MPS hardware platform. It collects and organizes customer provisioning data and forwards the data to EAGLE service module cards (also known as DSM cards). EPAP provides a shorter database lookup route for certain TCAP queries in a mobile network. EPAP not just contains the GTT tables but also Real Time Database (RTDB) containing the information that formerly resides on the SCP (Service Control Point) or HLR (Home Location Register). EAGLE performs the database lookup and returns the response with the needed information in it without having to inquire the SCP. I worked on following features on EPAP and ELAP: 1. EPAP Expansion to 480M Database Entries.

2. EPAP SNMP feature. 3. Enhancement features like Support java 1.8 client, MySQL 5.6.31 support 4. ELAP Integration with mainstream TPD as supported on the E5-APP-B card. 5. Support java 1.8 client, MySQL 5.6.31 support, Disable Root access in ELAP.

Software Engineering Trainee
Alma Mate Info Tech - Noida, Uttar Pradesh March 2013 to May 2013 PROJECT: TFTP (Trivial File Transfer Protocol) implementation based on RFC 1350 Education Master of Computer Application in Computer Application Aligarh Muslim University - Aligarh, Uttar Pradesh July 2009 to May 2012 Bachelor of Science in Computer Maintenance Aligarh Muslim University - Aligarh, Uttar Pradesh July 2006 to June 2009 Skills MYSQL, ORACLE, SQL, C++, PERL, PYTHON, SCRIPTING, SVN, ECLIPSE, JAVA, LINUX, UNIX, LIFE CYCLE, RATIONAL, SDLC, INTEGRATION TESTING, JIRA, CLEARCASE, VERSION CONTROL, PERFORMANCE TESTING Links
<https://www.linkedin.com/in/awantika-gupta-4b2a2096> Additional Information TECHNICAL SKILLS

Programming Languages: C, C++, Core Java Scripting Languages: Perl, Shell, Python Databases: MYSQL, PL-SQL Tools and IDE: Eclipse, MySQL Enterprise Monitor, Oracle SQL Developer, gdb, WinSCP, WinMerge, Notepad++ Version Control: Rational ClearCase, Tortoise SVN Bug tracking and report: BugDB, Confluence, JIRA Operating system: Unix, Linux, Windows Roles and responsibilities Developed and delivered various features in the project as an individual and as a part of team. End-to-end testing of various features in the project as an individual and as a part of team. Software testing, Test planning, Test execution and Test data preparation. Exposure to all the phases of SDLC. Worked in all phases of software testing life cycle including System Testing,

Integration Testing, Performance testing, Regression testing and Upgrade testing. Contributed the efforts in preparing customer's technical references, installation and upgrade documents. Resolved customer level bugs and closely interacted with client. WORK AUTHORIZATION Visa Status: H4- EAD

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