Deepak

Software Engineer | Java Developer

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GitHub: https://github.com/deepakhack1

Professional Experience

Software Engineer (ALTRAN)   (August 2019 till present)

FRC (Flexible Routing and Charging) Project

Started-off with introductory Nalanda-Prism Training in Java and C offering deep insights into Data Structure, Algorithms, and Object-Oriented Programming followed by Nokia- OSP architecture project training.

- Being a **Java Developer**, Developed and executed tools which based on Java
  Continuous Integration: - It uses for bulk call testing at one time.
  Bulk provisioning: - It is based on Java and create trees in bulk with modification in some parameters.
  Tree copy tool: - It is based on Java and create one cloned tree without making dependencies.
  CDR tool: - Written on shell script to develop CDR's between call.
- Recently worked on migration of **oracle dB code into Maria DB** for FRC service.
- Worked on **Java GUI for FRC service** based on collections and swing.
- Worked on **VxML CR (Customer Request)** and **5G PANI CR**, solved and support multiple critical issues for different clients.
- Worked on **SOAP UI tool** and multiple software development life cycle process such as **service production**, service installation, service uninstallation, **call test plan**, object test plan, **test link**, documentation, demo to clients, deliveries to client, patch procedure etc.
- Voice XML feature development (VxML - Voice XML), Email Feature and 5G PANI call feature.
- Call flow execution between different services. (SSP -> SCP, SCP->SSP). Worked on Alarms, Events, Stats and Announcements used in call flow. Understand Nodes includes SCP, SSP, SDP, SRF, MRF.
- **Run calls on INAP and SIP protocol**. Run different type of calls INAP (Intelligent Network Application Protocol), SIP (Session initiation protocol), SIPP scripts, LST, AX2.
- Interacted with several clients to provide support in various domains including **technical, management and training**.

Programming Trainer (Urban pro)   (August 2017 – June2019)

- Used to give training on **C, C++, Java** to college and school students.
- Provided coding guidelines on topics such as basic and advance data structures, algorithm paradigms including naïve, greedy and dynamic programming approaches, OOPS concept and Database management system.

Technical Skills

- Technical Skills: Java, C, C++, SQL, OS, Networking, SOAP UI tool, MariaDB, OSP (open service platform), GIT, Eclipse, WinSCP, ClearQuest, Putty, XLite, SjPhone, MicroSip, Bugzilla

Self-Motivated Projects and Achievements

- Chat Box - https://github.com/deepakhack1/ChatBox
- Student Management System- https://github.com/deepakhack1/student-management
- Scalar multiplication in ECC - https://github.com/deepakhack1/ScalarMultiplicationInECC
- Content Based Image Retrieval using opencv.

Training

. Java (DUCAT)   . Web Development (Coding Blocks)   . Data structure (Coding Ninjas)

. Java (NIIT)   . Learning Cloud Basic Concept (LinkedIn E-learning)

Educational Qualification

- B.Tech (CSE), Maharaja Surajmal Institute of Technology, Indraprastha University – CGPA 8.51   (2015-2019)
- 12th Standard, Navyug School, Delhi – 80.8%   (2013-2014)
- 10th Standard, Navyug School, Delhi – CGPA 8.6   (2011-2012)

Personal Information

- Date of Birth: 23 Aug 1996
- Interests: Watching and playing Cricket, Table Tennis, Badminton.