

Vivek Kumar Pandey

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Contact No: 9811661964

Senior Software Engineer

GlobalLogic India Limited, Noida

Total Experience: 4 Years

Product Name: SBC (session Border Controller)

Language: C, C++

Database: PostgreSQL

Operating System: Linux (Suse 13.1)

Organization: Genband Inc

Team Size: 225

Script: Shell, Perl

Tools: GIT, GDB, SIPP

Project Description:

SBCs are used in VoIP network to exert control on signaling & also on media streams for setting up, conducting, and tearing down the interactive media communications. They are deployed at the network boundary to pass all the traffic through them. They process VoIP packets, SIP & H323 with or without Radius authentication to interconnect with other SIP & H323 based networks via IP. They maintain session state; provide functions as security, QoS, charging etc.

Work Experience:

1. *One year experience of maintenance team:-*

I was part of sustaining team of SBC, the team who works on customer bugs and have to provide technical support, quick workaround and solution.

2. *Three year experience of development team:-*

As part of development team for any feature I am engage in following activities, Requirement gathering from client, understand them properly.

- Documentation work, prepare design documents, feature specification document (FSD), unit test plan.
 - POC and designing of feature.
 - Coding.
 - Perform unit testing as per unit test sheet.
 - Review of code. (Not self-written code, may be for some other feature, bug.)
 - Review of design documents.
 - Resolved bugs raised by system testing on feature.
 - Give presentation on feature to whole team all around the globe.
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Academic Qualification:-

1. MCA, Department of computer science, University of Delhi. Passed in 2011. 1st Div.
2. B.Sc (Mathematics Hons.), Vinoba Bhave University, Hazaribag. Passed in 2008. 1st Div.
3. I.Sc, Maths. Jharkhand Intermediate education council, Ranchi. Passed in 2002. 2nd Div.
4. Matric, Bihar School Examination Board, Patna. Passed in 1999. 1st Div.

Academic Projects:-

1. Design and Implemented of UNIX System V file System in C on Linux platform.
2. Implementation of Quasi group generation, encryption and decryption of messages in C++.
3. Design and Implementation of File Transfer Protocol (FTP) using BSD sockets in C++.
4. Design and Implementation of Shell Program in Linux in C++.
5. Design and Implementation of Producer-Consumer Problem using Threads in C++.
6. Implementation of Parser using lex and yacc in C.
7. Design and Implementation of a client-server application based Online-Board-Game.