

NITENDRA BHOSLE

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Career Summary:

Programmer having more than 13 year's experience in software development. My work involves analysis, design and development of software systems using C++ ,Golang and Python.

Summary

- Having 13 years of experience in Software Development.
- Worked Extensively in C++ (12 years)
- Worked Extensively in Python (3 years)
- Worked Extensively in Golang (1+ year)
- Experience in operating systems (Linux) , Mac os and Windows
- Experience in advance data structures and algorithms
- Experience in multithreading
- Experience in Design patters and API development
- Experience in system side programming using c++ and Python
- Experience in Frameworks like Django and bootstrap
- Experience in micro-services and distributed computing using Go

Educational Qualification:

- **Bachelor of engineering in Information technology** from **SGSITS Indore**, under **R.G.P.V University**, Bhopal with **First Class (66.69 %)** in 2005.

Technical Skills:

Languages	:	C++,Python
OS	:	Linux, Windows,Mac
VCS	:	Git
Tools	:	Visual Studio Code ,XCODE
Frameworks	:	Django , Bootstrap

Work Experience:

- Currently working with Alpaca as Principal software Engineer .Earlier I have worked With Percona for 1.2 years, with SAP Labs for 1.9 years , Pune as Senior Developer ,Autodesk for 2.3 years ,FlexTrade as Project Lead for 1.5 years and Accenture, Pune as a Senior Software Engineer for 2 years ,And for IGATE Pune for 1 year and 9 months and with Rolta software, Mumbai for 3.6 Years

Project Details:

OMS : Worked on distributed order management system using Golang.

Role: Principal Software Developer

Languages Used: Golang

IDE: Visual studio code

OS: Linux

Version Control system: git

MySQL Server : Relational database server written in C++ and tooling ,driver in Python.

Role: Software Developer

Languages Used: C++,Python

IDE: Visual studio code

OS: Linux

Version Control system: git

Roles & Responsibilities:

1. Implemented new features in replication ,storage and query processing.
2. Fixed critical bugs in server
3. Written unit test cases.
4. Done code review.
5. Merged code from upstream to persona server using git

DATABASE Server : Relational database server written in C++ and tooling and test framework in Python.

Role: Senior Developer

Languages Used: C++,Python

IDE: Visual Studio, vi,visual studio code

OS: Linux,windows

Version Control system: clearcase

Roles & Responsibilities:

1. Implemented new features in query processing.
2. Fixed critical bugs in product
3. Written unit test cases.
4. Done code review.

3D Cloud based CAD Product: It is 3D CAD,CAM and CAE cloud based product written in C++ and works on both Windows and Mac OS.

Role: Senior Software Engineer

Languages Used: C++,Python

IDE: Visual Studio, XCode,sublime text

OS: Mac, Windows

Version Control system: git

Roles & Responsibilities:

1. Implemented new features in product.
2. Implemented new commands in framework
3. Written unit test cases.
4. Done code review.

Order Management System: It is Financial product for order management. Provides Order management including routines and algorithmic trading.

Role: Project Lead.

Languages Used: C++, Linux

IDE: vim

OS: Linux

Version Control system: git

Roles & Responsibilities:

5. Implemented features for trading on forwards instrument.
6. Written Unit Test Cases for the features developed by using boost
7. Done profiling of code, using tools such as valgrind
8. Done Code Review.

Mobile Banking: It is Mobile banking application for leading bank in UK. Allows user to do all banking activities through mobile.

Role: Senior Software Engineer.

Languages Used: Objective-C , C++

IDE: Xcode

OS: mac OS,Linux

Version Control system: git

Roles & Responsibilities:

1. Implemented features like, Future dated payments in the application, using objective-C, C++.
2. Written Unit Test Cases for the features developed by using OCUnit.

3. Written UIAutomation test scripts to automate UI Testing, Using JavaScript.
4. Done Code Review.

PL12CPP Conversion: It is conversion project to, convert PL/1 source Code into C++ Source code, Using YACC parser, xml and C++.Used STL extensively.

Role: Senior Software Developer.

Environment: C++, Windows, Linux

Roles & Responsibilities:

1. Written C++ Programs to automate Conversion Process
2. Done Peer testing
3. Done code Review.

Rolta Imager: It is easy-to-use and user friendly Image Processing software, which provides tools to read, explore, prepare, analyze and share information extracted from all types of remote sensing images. Rolta Imager has bundled with various functionalities to enable you to extract maximum information from remotely sense images, while maintaining spatial accuracy.

Role: Software Developer.

Environment: C++, Windows, Linux, Multithreading, IPC, STL, OpenCV, Numpy

Roles & Responsibilities:

1. Requirement analysis
2. Design and development using c++
3. Alpha testing and bug fixing

Client : BEST – Electrical/Land, India.

Role : **Software Developer.**

Environment : C, C++, Microstation , MDL, ORACLE 9i,

Description : This is an Electrical and Land base conversion project that involves creation and maintenance of Electrical and Land base features. Developed customised interactive placement tools, quality checks routines for telephone network facilities in form of C/MDL, SQL validation as per business rules.

Roles & Responsibilities:

1. Written Routines in C, C++ and MDL for BEST Project
2. Developed tools using micro-station
3. Written SQL Queries.

Project : Bell-Aliant

Description : A Telecom project of migrating existing cable schematic drawing from

MicroStation to ESRI Format (Arc GIS) knowledge based GIS software. Process included translating Graphic data of MicroStation and attribute data of Oracle into Arc GIS (ESRI Format graphic data) as Output.

Software Responsibilities:

1. Developed Programs for error testing as Graphic quality check (**GQC**).
 2. Developed Placement Programs for the project in short span of time.
 3. Use of SQL-Queries wherever required and necessary in the program.
 4. Add some VB-form in the program for the user selection option as it is required.
 5. Developed program for Placement and even attached info into the database also.
- Prepared Functional and Program Specification Documents.