

ANKUR SEHGAL

SOFTWARE DEVELOPER/GAME DEVELOPER

OBJECTIVE

I am a software and Game developer with 15 plus years of experience working as a freelancer with extensive corporate job experience.

I offer a combination of unique skills and competencies which I have developed through a lengthy and rewarding career. I can provide complete software solutions and custom software development. I have honed skills Software Development, Mobile App Development, Game Development while being proficient in Custom Software Development from scratch.

CONTACT

 rucseh@yahoo.co.in

 9971432317

 15-11-1983 (Male)

EDUCATION

B-Tech (75%, ECE, MAIT, Delhi)

XIIth (77%, Science, CBSE, BBPS, Delhi)

Xth (72%, Science, CBSE, BBPS, Delhi)

SKILLS

Multithreading, Data Structures, STL, Design Patterns, COM, ATL, POS, Artificial Intelligence AI, Machine Learning ML

LANGUAGES

C, C++, QT, C#, MFC, VC++, Python, Perl, HTML, Javascript, CSS, Java, PHP, Objective C

CODE EDITOR

Visual Studio, Android Studio, XCode, Eclipse

DATABASE

SQL Server, MySql

OPERATING SYSTEM

Windows, Mac, Linux, Android, Ios, Ubuntu, Verix

GAME ENGINES

Unity, Unreal Engine

ROLE: Responsible for designing and developing:

- Software Applications, Mobile Applications, Games

PROFESSIONAL EXPERIENCE

COMPANIES NAME	DURATION	DESIGNATION
Indiglobal, Dewinter Optical Inc, Franconnect, Kritikal Solutions, Splat Studio, Macrometa, Arthonsys, Becton Dickinson, Fulcrum Digital, Popreach	Sept 2015 to present	Software Developer/Game Developer Freelancer
HCL, Noida	March 2015 – Sept 2015	Technical Lead. To design and develop software applications
Newgen Software, Noida	Jan 2014 – Aug 2014	Senior Software Engineer. To design and develop software applications
Open Solutions (Fiserv), Gurgaon	Oct 2012 – March 2013	Senior Software Engineer. To design and develop software applications
Verifone, Noida	Jan 2012 – July 2012	Software Analyst. To design and develop software applications
Lepide Software, Noida	Dec 2006 – Jan 2012	Software Developer. To design and develop software applications

WORK EXPERIENCE

SOFTWARE DEVELOPMENT PROJECTS

PROJECT	DESCRIPTION	SKILLS
1. Migration from Groupwise to Lotus Notes (Lepide Software)	Migrate items of unlimited GroupWise mailboxes such as emails, calendar, contacts,etc to NSF file	C++, MFC, VC++, Visual Studio, SQL Server, COM
2. Open Check (Open Solutions)	Open Check (Banking Software) is image-based, check	C++, QT

	processing hub that satisfies all clearing, exchange, and return processing needs	
3. ATM (Newgen Software)	ATM is a software application that provides the functionality of ATM machines which includes transaction of money	C++, QT
4. Migration from Exchange to Lotus Notes (Lepide Software)	Migrate items of unlimited Exchange mailboxes such as emails, attachments, folders, etc to NSF file	C++, MFC, VC++, Visual Studio, SQL Server, COM, Windows, C#, DotNet
5. Backup Utility (Lepide Software)	The Backup utility helps you create a copy of the information on your hard disk.	C++, VC++, MFC, Visual Studio, Windows
6. Capacity Manager (Lepide Software)	Capacity Manager for SQL Server provides a complete, detailed portrait of storage requirements with easily interpreted reports, charts and graphs	C++, VC++, MFC, Visual Studio, Windows, SQL Server, C#, Dotnet
7. HP Drive Track Fleet card programme, POS (Verifone)	Drive Track fleet card is a prepaid (debit) card with e-purse cum loyalty application for fleet operators	POS, C, C++, Verix, Linux, Visual Studio
8. POS Machine (Verifone)	Debit Card and Credit Card swipe machine	POS, C, C++, Verix, Linux, Visual Studio
9. Android POS (Verifone)	Android POS system is point-of-sale software	POS, Android, Java, Android Studio
10. Web Scraping (QL2 Software)	Automated and Self-Hosted Data Extraction with WebQL. Extract and structure scraped data for easy	Windows, Linux, C++, Perl, Python, Qt

	database storage.	
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GAME DEVELOPMENT PROJECTS

PROJECT	DESCRIPTION	SKILLS
1. Smurfs Village (Popreach Company)	Smurfs Village is a social game where players must help Smurfs rebuild their home after Gargamel discovers it and scatters the Smurfs throughout the forest.	C++, Android, Java, iOS, Objective C, Android Studio, Xcode, Python
2. Photo Booth (Splat Studio Company)	This project works on Gesture recognition. AR project.	AR, Unity, C#, ARKit, ARCore, Blender
3. Crossy Road Game (ScrewDriver Company)	In this game player has to cross an endless highway or series of roads and avoid obstacles.	MySQL, HTML, Javascript, CSS, ThreeJS
4. First Person Shooting Game (Macrometa Company)	To replace the First Person Shooting game engine with GDN streams for transport.	Unity, C#, Blender
5. Smurfs Magic Match (Popreach Pvt Ltd)	Enter the Magical World of Smurfs and solve challenging puzzles to progress to new episodes, decorate Smurf Huts and adventures.	Unity, C#, Blender
6. Ultratech Learning Month Game (ScrewDriver Company)	This project consists of following games: - KBC Game - Escape Room Game - Treasure Hunt Game - Football Game	MySQL, HTML, Javascript, CSS, ThreeJS
7. Smurfs and the Magical Meadow (Popreach Company)	One day the Smurfs discover a rare and wonderful magical meadow in the forest. Since there is no better location for the Smurfs than a magic meadow,	Unreal Engine. Blueprint Scripting, C++ Programming.

	Papa Smurf collects all the Smurfs and moves them to the magical new land. Exciting adventures await the Smurfs as they rebuild their village in new amazing ways.	
8. Toon Tanks (Popreach Company)	This is a 3D game created in Unreal Engine. The game features multiple levels with enemy tanks shooting a player tank.	Unreal Engine. Blueprint Scripting, C++ Programming.

MOBILE APPS PROJECTS

1. Field Ops App (Ios and Android Apps)	Franchisee App	Java, Android Studio, PHP, MySQL, IOS, Objective C, XCode
2. Franconnect Sky App (Ios and Android Apps)	The complete franchising lifecycle is extended to your mobile device, giving you immediate access to the information you need.	Java, Android Studio, PHP, MySQL, IOS, Objective C, XCode
3. Franconnect CRM APP (Ios and Android Apps)	With FranConnect CRM Mobile, you have immediate access to the information you need most, including all leads, contacts, accounts	Kotlin, Android Studio, PHP, MySQL, IOS, Swift, XCode
4. Book my Bike App (Ios and Android Apps)	Books bike for ride like Ola or Uber	Kotlin, Android Studio, PHP, MySQL, IOS, Swift, XCode

CYBER SECURITY PROJECTS

1. Hex Editor (C++, Windows): It allows for manipulation of the binary data.
2. Antivirus Core Engine (C++, Windows): It detects and removes viruses.
3. Penetration Testing

AI, ML PROJECTS

1. Object Detection (Android, TensorFlow, Python): Detects the object from camera view
2. Image Classification (Python): Categorize and label images

Corporate Trainings

Companies	Skills
Provided Software Training to corporate employees at Infogain, HCL, Franconnect, Kritikal Solutions, Macrometa, BD, Popreach.	Technologies: Unity C#, Unreal engine, C++, VC++, MFC, Android, iOS, Java, Spring, PHP, etc