

Nikhil Bansal

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Education

Bachelor of Technology, Computer Science

Punjab Engineering College,
Chandigarh
Class of 2019 (CGPA: 8.4)

Higher Secondary Education

Shishu Niketan Model Sr. Sec. School,
Chandigarh
2013 – 2015 (Percentage: 95.2%)

Technical Skills

Programming languages: C, OOP
with C++11, JAVA and C#

Tools & Softwares: Visual Studio,
Android Studio, Unreal Engine, Unity,
JIRA, Git

Graphics: OpenGL, GLSL

Web Technologies: HTML5, CSS3,
JavaScript

DBMS: Microsoft SQL Server

Awards & Achievements

Runner Up, Mini—AU

Accolite Software Pvt. Ltd.
2018

Objective

To pursue a challenging career as a game developer, giving my best and to bring entertainment for the people by creating fun and engaging gameplay.

Internship

Accolite Software India Pvt. Ltd., New Delhi

Software Engineer Intern (January 2018 – June 2018)

- Played an integral role in the *IDERA* team working for the product **SQL Diagnostic Manager** (SQLdm).
- Maintained existing application, **Designed** and **Developed** new applications.
- **Improved** the performance of SQL Query Plan Collector in SQLdm.
- Worked on technologies like *.Net Framework*, *Salesforce CRM*, *JIRA*, *AWS* and *Heroku*.
- **Developed** two PoC's, *SQL Query Plan Viewer* and a Voice User Interface for *EduThrill*.

Projects

'Lone Survivor' Game - FPS Zombie Apocalypse game

Lone Survivor is an FPS game which puts you in control of a soldier surviving in the Zombie Infested City. Featuring a few fun gameplay elements like **Dynamic Difficulty System**, **Rewards System**, etc.

- **Technologies:** C++, Unreal Engine 4 (UE4), Visual Studio.

'GraphX Rendering Engine' – 3D Rendering Engine

GraphX Rendering Engine features an easy-to-use **Rendering API** capable of rendering 3D as well as 2D objects. Other features include an **Event Handling System** (Events and Event Dispatchers), *Lighting*, *virtual Scene Camera* and with a complete *Maths Library*.

- **Technologies:** C++, Visual Studio, ImGui, spdlog, Assimp.

Interests / Hobbies

- Cricket
- Video Games
- Watching Movies and TV Series
- Space Exploration and Astronomy