

# Nikhil Bansal

## Software Engineer

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### About Me

Software Engineer with a passion for developing highly efficient, performant and well-designed softwares. Experienced in developing and maintaining asynchronous microservices and different Azure Cloud Solutions.

### Education

#### Bachelor of Technology, Computer Science (2015-19)

Punjab Engineering College, Chandigarh  
- 8.4 CGPA

### Technical Skills

**Programming:** C#, C++, JAVA

**Web:** TypeScript, RESTful Web Services, ReactJS and React Native

**Graphics:** OpenGL, GLSL

**Frameworks:** .NET Core, EF Core, NUnit, Specflow

**DBMS:** Microsoft SQL Server, PostgreSQL

**Cloud:** Azure Function Apps, Event Hubs, Kubernetes, Azure APIM

**Other Tools & Technologies:** Visual Studio, Unreal Engine, Git, Redis Cache, Postman

### Awards & Achievements

- Received **Accolite Top Performer** certificate for exceeding set goals.
- Received **Accolite Best Buddy** award.
- Promoted within a 10-month time frame for exceeding set goals.

### Experience

#### Software Engineer | Senior Software Engineer

Accolite Digital, India

(Oct 2020 – Present)

- Re-engineered the processing systems to facilitate near real time processing of high volume of data from MS Graph & Cisco Webex and storing it in MSSQL Server.
- Designed and developed multiple microservices and other components of the data processing system using Azure Cloud services like *Azure Functions*, *Event Hubs*, *Azure APIM*, etc.
- Configured *CI / CD pipelines* using Docker files and Azure pipeline scripts for deploying microservices on AKS, publishing NuGet Packages, etc.
- Developed multiple automated testing suites, configured to run with CI / CD pipelines.
- Actively maintaining existing components of the data processing system, including bug fixes, upgrades, code quality & performance improvements etc.
- Developed public APIs providing customers with filtered data access ensuring low latency and proper security.
- Improved the design of authentication workflow for *Infortel Select* (WebApp by ISI).
- Worked on *Evernote* mobile client apps and middleware (*Conduit*) for all *Evernote* clients, fixing bugs and adding new features for the new sync strategy (*NSync*).

#### Software Developer Intern

Accolite Software India Pvt. Ltd.

(Jan 2018 – June 2018)

- Worked on the performance improvement for the SQL Query Plan Collector Module for IDERA's *SQLDM* (.NET) and assisted the Triage team.
- Assisted the development of two POCs involving *.NET*, *JAVA*, *EduThrill* and *AWS*.

### Personal Projects

- GraphX Rendering Engine** – A *Multithreaded 3D Rendering Engine* developed using C++, OpenGL; includes easy-to-use Rendering API, Math library and much more.
- Lone Survivor** - *FPS Zombie game* developed using C++, Unreal Engine & Visual Studio.