

# MANISH JAIN (Software Engineer)

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New Delhi

## Resume Highlights:

- Experience in Software development, Installation and Integration of Security Systems.
- Experience in developing Video Management Software and Device SDK integration.
- Excellent understanding of software and hardware interfaces
- Excellent understanding of software GUI (Graphical User Interface) design.

## EDUCATIONAL QUALIFICATIONS

<b>MCA</b>	Indira Gandhi National Open University	72.40%		2018
<b>BCA</b>	Kolhan University	82%		2013
<b>Class XII</b>	Jharkhand Academic Council	62.80 %		2009
<b>Class X</b>	Jharkhand Academic Council	76.20 %		2006

## PROFESSIONAL EXPERIENCE

<b>Vihaan Network Limited</b>	<b>Software Engineer</b>	April'17 – Present
<b>Command and Control System</b>		

- Responsible for development of windows interface using .Net, C# and **Visual Studio**.
- Development of web-based system using **dotnet core**.
- Responsible for integration of various **IOT** devices in a single application.
- Integration of third-party Radar based on Rest services.
- Number of devices shown on a single map and all alarms generated shown on the **Map** by blinking at real time.
- **Dashboard** creation with Graphical representation of entire system at one place.
- Integration of Automatic Wireless Camera using CoAP and **LWM2M** protocol.
- Integration of Snappy **Camera**.
- Integration of Thermal Camera.
- Integration of **Microwave barrier** using COM port.
- Integration of **ISP** (Integrated Sensors Product) based on Bluetooth connectivity via COM port.
- Integration of **Under Ground Sensor** and other sensors.

## Mobile Application Development

- Development of a mobile app using **Xamarin** to show real time snapshot generated by Automatic wireless camera and show it on the mobile based system.
- Integration of various sensors on the App and show the notification of alarms on the mobile based system.

<b>i2V Systems</b>	<b>Software Developer</b>	May'14 – March'17
<b>Video Management System</b>		

- Responsible for development of Web interface using **ASP**, .Net, IIS, C# and Visual Studio.
- Responsible for development of Google Maps with device alerts shown in the map at real time.
- Writing and creating SQL database tables and Queries.
- Integrated 3<sup>rd</sup> party ANPR (Automatic number plate recognition) SDK with existing VMS.

### Integration of Elfar PIDS (Perimeter Intrusion Detection System)

- Elfar from Israel provides microwave-based perimeter security sensor devices.
- Scope of the project was to integrate Elfar sensors with Genetec command and control system. In case of any perimeter breach nearest camera should pop-up on operator screen. Moreover, a PTZ camera should immediately be moved to a pre-defined pre-set showing the breach.
- Integration was done in C# using Modbus protocol.

### INTERNSHIPS

**HCL, Ghatsila**

***Employee Provident Fund***

Oct'12 – Feb '13

- Responsible for developing complete database of Employee Provident Fund.
- Managing back end support to maintain the database.

### CO-CURRICULAR ACTIVITIES

- Participated in army camp organized in college which included various adventurous activities like parasailing, archery, mountain climbing, rappelling, night trekking etc.
- Participated in school level Olympic Quiz competition and got rank 9.

### Extra-Curricular Activities

- Won Carom competition at school level.
- Took part in cultural activities in school time.
- Took part in blood donation and donate blood 4 times in 4 consecutive year.

### Skills Set

- Fine knowledge of languages like C#, JavaScript, XAML, Java, C, C++
- Knowledge of XAMARIN, Bootstrap, NodeJS,
- Technology platforms like .Net, Android Studio, dotnet core
- Database includes MySQL
- Worked on new Visual Studio 2017 IDE.