

## SUMIT KUMAR

S/o Raj Singh  
DOB:24/07/1991

**+4 Year Experience**

## CONTACT

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## GIS Developer

*Top-performing Geospatial software developer and architect who designs and implements innovative IT solutions that enhance customer satisfaction and drive business growth*

**Architectural Strategy | IT Solutions Leader | Technical Versatility & Depth**

~Available for Relocation~

Analytical and highly technical Geospatial (GIS) Software Engineer with a strong ability to engage IT teams, learn new systems, analyze data, manage large-scale technical issues, and optimize site architecture. IT leader who bridges the gap between business and technology with solutions that transform technology into usable services while maintaining solution and architectural integrity. Thrives on challenge and works well under pressure, with technical expertise to learn new environments quickly, locate inefficiencies in code, and provide quick solutions with project management skills that drive a quality software development process forward.

- ◆ Software Development
- ◆ Product Management
- ◆ Database Management
- ◆ Data Modeling
- ◆ Spatial Analysis
- ◆ System Architecture & Design
- ◆ Agile Methodologies
- ◆ Quality Management
- ◆ Requirements Analysis

## Technology and Platform Knowledge

<b>Operating Systems:</b>	Windows, Linux *
<b>Development Environments:</b>	Eclipse, Visual Studio, Microsoft Blend, Adobe Edge Tools
<b>Languages:</b>	JavaScript, HTML, CSS, Java, Python, Visual C#, XAML, PHP, AJAX, JQuery
<b>Database Tools:</b>	Microsoft SQL Server, PostgreSQL, Hibernate
<b>Performance Analysis:</b>	Web Performance Load Tester ExtJS, OpenLayers, GeoServer, ArcGIS, Apache Maven, Spring Framework, Liferay Portal,
<b>APIs and Frameworks:</b>	JBoss BRMS, Apache Solr, Silverlight

## Professional Experience

National Institute of Hydrology —Roorkee (September 2017—Present)

### GEOSPATIAL (GIS) SOFTWARE ENGINEER

#### Technical Roadmaps | Geospatial Software Solutions Expert | Web Development & Database Management

- ✓ Work experience in Software design, analysis, development, testing and implementation of GIS web and client server application.
- ✓ Utilized JavaScript/HTML5/CSS3, ArcGIS Server 10.2 Services, Google and various API libraries to create a useful repository of historic spatial data.
- ✓ Developed a custom user interface and various tools to help facilitate precise information querying.
- ✓ Applied new computer skills, solved complex problems, and adapted to a changing weekly project schedule
- ✓ Helped create web-maps with JavaScript, CSS, and HTML5 programming languages of 2011 Homeless Count.
- ✓ Coordinated with policy and planning analyst to and execute spatial analyses of demographic data.
- ✓ Designed, developed, and implemented ESRI ArcGIS geodatabase and applications using MS Access, Oracle, ArcView, ArcObjects, and Visual Basic.

- ✓ Experience in design and development of application using .NET (C#, ASP.NET), PHP and Web technologies like HTML, CSS, JavaScript and XML
- ✓ Experience in writing Query, Functions, Views in SQL Server/PostgreSQL.

Bridge Technosoft —Rohini Delhi (June 2013—August 2017)

## **SOFTWARE ENGINEER**

### **Software Development | Web Development & Database Management**

- ✓ A Software Developer with 4+ years of experience in Software design, analysis, development, testing and implementation of web and client server application using Microsoft technologies.
- ✓ Experience in design and development of application using .NET (C#, ASP.NET) and Web technologies like XML, CSS, JAVA script and HTML.
- ✓ Experience in writing Stored Procedures, Functions, Views in SQL Server.
- ✓ I have a Knowledge and worked in MVC 4.0 and LINQ.
- ✓ I have a Knowledge and worked in Website Hosting and Developing reports using crystal report.

## **PROJECTS**

### **Projects Summary:**

#### **Project 1 Team Size: 2**

Description: Developed NMSHE client website in PHP, CSS, JavaScript, JQuery, PostgreSQL, GIS, GeoServer. This website provides real time database (GIS Map, Real Time Data etc) of Upper Ganga Basin.

#### **Project 2 Team Size: 1**

Description: : Developed NMSHE client project in PHP, CSS, JavaScript, JQuery, PostgreSQL, GIS, GeoServer. This website provides features of Plotting each month/year with histogram and find out min/mid/max snow area between two date.

#### **Project 3 Team Size: 3**

Description: Developed a E-commerce Website in PHP, CSS, JavaScript, JQuery, SQL for Online Purchasing. This website provides features of the online Purchasing.

#### **Project 4 Team Size: 4**

Description: Developed Website Online Examination System in ASP.NET, C#, CSS, MS SQL for Online Exam. This website provides features of the online test has following stages Login, Test, Result with choices the candidate can select his field (like C, C++, JAVA and .Net) for taking the test.

#### **Project 5 Team Size: 7**

Description: This is web application that Contain various Modules like admin management, student management, fees Status Module, Uploading Master, Reports etc. In this application administrator creates various user like principal, teachers, reception and respective User Login and do their respective work using web Application.

#### **Project 6 Team Size: 7**

Description: This is windows application that Contain various Modules like Admin Dashboard, Employee Dashboard, Trainer Dashboard Uploading Master, Reports etc. In this application administrator creates various user like Admin, Employee, Trainer and respective User Login and do their respective work using web Application.

#### **Project 7 Team Size: 4**

Description: Developed Website Online Examination System in ASP.NET, C#, CSS, MS SQL for Online Exam. This website provides features of the online test has following stages Login, Test, Result with choices the candidate can select his field (like C, JAVA and .Net) for taking the test.

- More than 20+ website Developed in ASP.NET, PHP, C#, CSS, MS SQL.



## Education

Exam/Degree	School/Colege	Board/University	Year
ClassX	S.S.BInterColegeHabibpurNiwada Roorkee,Haridwar.	Utarakhand Board	2007
ClassXI	K.I.CInterColegeBhabalpur Roorkee,Haridwar	Utarakhand Board	2009
B.Tech(Information Technology)	GraphicEraUniversityDehradun, Utarakhand	GraphicEra DeemedUniversity	2013

## Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date:

(SUMIT KUMAR)