**Bharti Gupta** [bhartigupta1587@gmail.com](mailto:bhartigupta1587@gmail.com) : 212-361-9307

*Work Status: Don’t need any sponsorship. Have valid H4EAD.*

**SKILLS/TOOLS**

|  |  |
| --- | --- |
| Languages | Java, J2EE, html, C, SQL |
| **Technologies** | Core Java, J2EE, JSP, JDBC |
| Databases | SQL |
| Scripting | Java Apache Tomcat |
| Framework | Spring |
| Tools | Maven, Postman |

**EDUCATION**

* **Master of Technology (Electronics and Communication Engineering**), 2011-2013, **Aggregate:** 70%

(Punjab Technical University, India)

* **Bachelor of Technology (Electronics and Communication Engineering**), 2006-2010, **Aggregate:** 76%

(Punjab Technical University, India)

**Professional Experience:**

**Autoliv Inc, Bangalore, India (Aug 2015- June 2016)**

**Design Engineer**

* Worked on **CAN** protocol for interfacing.
* Created reports & metrics in the IBM DOORS(Dynamic Object Oriented Requirements System)tool
* Import the customer document into DOORS, gather the requirements.
* Create traceability matrix with the test cases and the requirement.

**Internship:**

**Crains Varsity, Bangalore, India**

**Secure Visitor Tracking System**

**Project brief:** Main objective of this project is that the system tracks the number of visitors during the working hours by using counters and during the non-working hours the system will work as security by allowing the visitor who enters the password.

**Hardware & Software used:** C,Keil uVision4, Flash Magic, LPC2148.

**Embedded protocols used**: UART, SPI.

**Tracking Center**

This project was aimed at developing a system to store/retrieve information of students undertaking different courses in an educational institute.

**Role:**

* Created database design for the system to maintain courses and student information.
* Created stored procedure to get data from sql server.
* Test automation using selenium

**Languages/Tools used**: SQL, selenium, git.

**Thesis: Investing on deign issue of soliton long haul system**

Thesis was aimed to design the 36000 km optical link with the soliton wave communication and analyze the shortcoming with the soliton system and create the link without any dispersion and distortion in the link.

**Hardware & Software used:** optical simulator.