

## **BHOOMIKA NAGARAJA**

9a Alstone Mews  
Cheltenham spa  
Gloucestershire GL51 8EU

+44 (0) 7587 007 857  
[bhoomikanagaraja@gmail.com](mailto:bhoomikanagaraja@gmail.com)

### **CAREER OBJECTIVE**

Looking out for an opportunity which would help me utilize my academic background to gain experience and to secure a job in an IT industry where I can utilize my knowledge for the organization's growth.

### **EDUCATION QUALIFICATION**

B E Computer Science Engineering (CSE) **Sep 2011 – Aug 2015**  
BNM Institute of Technology (BNMIT), Bangalore, India  
Achieved 75.2% aggregate across 8 semesters

#### **Course Modules**

Data Structures, Analysis and Design of Algorithm, Computer Networks, Operating System, Hyper Text Mark Up Language (HTML), C, C++, JAVA, Data Base Management System (DBMS), Computer Graphics and Visualisation, Software Architecture, System Software, Software Testing, Structured Query Language (SQL)

### **PROFESSIONAL EXPERIENCE**

**Deloitte** **Sep 2018 – Feb 2019**  
**Jr Data Analyst**

- Engagement team's first point of contact to assist them & provide guidance in the use of Spotlight Analytics – Deloitte Spotlight
- Providing support for data acquisition & extraction from client's accounting system
- Working of more complex data sets from a variety of finance systems across various business areas and from global clients
- Importing, carrying out the manipulation on the data using Excel & SQL with the help of MS Excel, SSMS, EmEditor & Remote Desktop Server
- Performing reconciliations to verify the completeness of datasets provided
- Carrying out data quality checks (Golden Pre Checks & Load Checks)
- Exporting the processed data from SQL & uploading it into Deloitte Spotlight Analytics Platform for auditing.

**The Range** **Aug 2018 – Sep 2018**  
**Support Developer**

- Performing checks : PO Schedule (SQL) & Miscellaneous (IT dev)
- Resolving the Sysaids raised by customers
- Use of Intranet, Extranet, Git Flow (Feature), Biztalk Server
- Report & Page development with the help of SSMS, SSRS & Microsoft Visual Studio 2018 applications
- Maintenance & Support once the software is up & running

**RJPBH Ltd**  
**IT Support**

**Jan 2018 – July 2018**

- Basic IT support duties and Email support
- Scheduling and organising meetings with clients
- Taking ownership of customer issues reported and seeing problems through to resolution
- Researching, diagnosing, troubleshooting and identifying solutions to resolve issues
- Following standard procedures for proper escalation of unresolved issues to the appropriate internal teams.

**Igrads Americaa**  
**Educational Counsellor**

**April 2017 – Nov 2017**

- Promoting Igrads Americaa at various colleges and other places
- Counselling students and parents on Master's at United States of America
- Advice/Counsel Indian students on various universities, courses, admission requirements, entrance exams and scholarships at United States of America
- Representing company during Educational Fairs, Seminars and event

**Hindhuja Global Solutions**  
**Advisor Technical Support**

**April 2016 – Sep 2016**

- Working with customers to identify computer problems and advising on the solution through softphone
- Logging and keeping records of customer/employee queries in iCRM
- Analysis of call logs so you can spot common trends and underlying problems with the help of Knowmax
- Updating self-help documents so customers/employees can try to fix problems themselves through self-log in portal
- Working with field engineers to visit customers/employees if the problem is more serious. Finally testing and fixing faults

**ACADEMIC PROJECTS**

**1. Model Visualization of Solar System in Open Graphics Library (OpenGL)**

- To render a Solar System Model which demonstrates the Sun and eight planets orbiting around it through vector representation of points and circles as stars and planets
- OpenGL is an Application Programming Interface (API) to render 2D and 3D vector graphics using Open GL Utility Toolkit (GLUT) which consists of glutSolidSphere() function.
- Open GL built-in API such as GL\_POINTS, GL\_LINES, glVertex(), glRotate(), glTranslate(), glPushMatrix(), glPopMatrix() functions to load the pixel values in matrix form which may be called by the client (Main) program for execution and are programmed in Visual Studio 2010 along with keyboard and mouse interactions

## **2. Car Website / Web Page Portal Development**

- The content will be rendered on the web browser using HTML, CSS and Java scripts
- HTML tags like <title>,<paragraph>,<head>,<img>,<link> are used to describe the structure of web page which consists of car model names, images and specifications etc
- CSS is used to describes how the design elements of the website are to be displayed on the screen such as layout, colour, font size, background-colour, tables etc
- Java Scripts are used to program the behaviour of web pages like specifying the functions inside <script> tag

## **3. Mixed Raster Content (MRC) Compression of Compound Documents**

- Compound document is a mixture of text and image, MRC uses a multi-layered imaging model which specifies the framework for document compression in order to improve the compression ratio.
- The key to MRC Compression is segmentation of the compound document into 3 different layers: Foreground, Mask and Background.
- Data is compressed and compressed data is then de-compressed, compressed data is unreadable while the de-compressed data is readable
- Text is compressed and de-compressed using Huffman Encoding & decoding algorithm & image is compressed and de-compressed using H.264/AVC (Advanced Video Coding) Standard
- The compressed files are fed as an input to the De-Compressor to get the original compound document

## **TECHNICAL SKILLS**

Programming languages:	C, C++, JAVA, C#, HTML, SQL, CSS
Packages	Visual Studio 2010, MS office Tools
Platforms	Windows Servers, Linux/Unix Operating Systems

## **PERSONAL SKILLS**

- Positive attitude, Willing to learn, Strong determination towards work
- Self-motivated, flexible, energetic and hard working
- Capable of communicating effectively with people at all level
- Ability to work in a team and systematic approach

## **REFERENCE AVAILABLE ON REQUEST**