**Badal Kumar**

Email: badalkumar151@gmail.com

Contact no: +91-9677077275

|  |
| --- |
| **Career Objective** |

### Seeking a responsible position that will challenge my present experience and potential, where I can utilize my analytical, programming and innovative skills in the competitive IT era.

|  |
| --- |
| **Profile Summary** |

**Possesses 6.5+ years** of professional experience in IT industry in web application development, **JavaScript, Reactjs, Redux, HTML5, CSS, jQuery, jQueryUI, Google Charts and CanvasJs Charts**.

Driven IOT UI design using (FHIR database, CanvasJs charts, Google Charts)

Gained experience in Android Studio and **developed application with full stack implementation**.

Have experienced and learned various skills and tools **as on-site resource at NEC Japan**.

**Capable of rapidly learning new technologies** and processes, and successfully applying them to projects and operations.

Enrolled with Bits Pilani in Mtech in Data Science (**2nd** sem has started).

|  |
| --- |
| **Technical Expertise** |

Programming Languages: JavaScript, JQuery, HTML, CSS, Bootstrap, Reactjs, python

Database: MySQL, SQL Server

Operating System: Linux, Windows

Integrated Development environment: Android Studio, Net Beans, Eclipse, Visual Studio Code

New expertise : Learning Data science with **Machine learning** and **Artificial Intelligence**

|  |
| --- |
| **Work Experience** |

**Organization : S5 Security System**

Total Experience :3 year (From 10thOct 2017 to 1 Nov 2020)

Position : Software Developer (IOT designer)

**Organization : NEC India Pvt Ltd, Chennai**

Total Experience : 2 year and 11 months (From 9th July 2012 to 29th May 2015)

Position : Software Engineer (Web application developer)

**Organization : Alitum Solutions, NSRCEL Indian Institute of Management Bangalore (IIMB)**

Total Experience : 6 months (As an internship)

Position : Developer (Web application developer)

|  |
| --- |
| **Projects Undertaken** |

**Project: IOT project**

Project is made to reduce the distance between patient and practitioner. Designed the UI for the practitioner to read the historical and realtime vital information for the patient. Design Graph using CanvasJS and Google charts. Designed UI for patient where they give his or her vital for practitioner. Added video calling feature using Webrtc. Practitioner can directly call the respective patient. Practitioner can ask for any vital at given time.

Skills Used: **Rectjs, JavaScript, FHIR, CanvasJS, html, Css, postman(Google), webrtc, liveswitch**

**Project: Services4U (https://play.google.com/store/apps/details?id=com.kumar.badal.services4u)**

Services4U is ecommerce apps, which allows user to get goods at door step. Designed UI as Login page, List of goods available, order page etc. using **HTML5, XML, JavaScript, CSS.** Designed backend support using SQLite, firebase database, and firebase storage.

Skills Used:**JavaScript, HTML5, CSS, Java, Android, Firebase**.

**Project: Equipment Configuration for iPASOLINK**

Project is aimed to configure equipment from user. Configuration synchronize between two (NE). It allows other NE to get all configuration from respective NE and update it. User can save configured data in CSV format.

Skills Used:JavaScript, Angular Js HTML5, jQuery and CSS used for user interface, MySQL

**Project: 8PSK (Eight Phase Shift Key) for iPASOLINK**

Project is aimed to transmit digital information on a carrier by changing the phase of the carrier. Interface design to change mode to 8PSK and provide the configuration values to config module. Generate google chart to show how many time user has opted 8PSK.

Skills Used: JavaScript, Angular Js, HTML5, jQuery and CSS used for user interface

Develop on Window 7

MySQL used for retrieving data

**Project: XPIC (Cross Polarization Interface Canceller) for iPASOLINK**

The objective of this feature is to achieve cross polarization interference cancellation (XPIC) which helps in doubling radio capacity by using two iPASOLINK systems. Design interface to get all configuration from master and sync all configuration to slave NE(User can view).

Skills Used: JavaScript, HTML5, JQuery and CSS used for user interface design

MySQL used for managed data

|  |
| --- |
| **Academic Qualifications Language know: Hindi, English, Japanese** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mtech | Bits Pilani | Bits Pilani | 2020 | 1st sem 68% |
| MCA | PES School of engineering | VTU, Bangalore | 2011 | 76.5% |
| BCA | Birla Institute of Technology | Mesra, Ranchi | 2008 | 78.4% |
| 12th | M J K College, Bettiah | Bettiah | 2004 | 61.55% |
| 10th | P N Anglo Sanskrit H/S | Patna | 2002 | 71.8% |

|  |  |  |
| --- | --- | --- |
| **Personal Information** | | |
| Date of Birth: | 15/01/88 |
| Address: | Begusarai – 851101 |