**RAJNISH KUMAR**

**PHONE NO**. **:** +91-8892804623

**E-Mail** **:** [**rajnishkumar9250@gmail.com**](mailto:rajnishkumar9250@yahoo.com)

**Objective**



Want to solve the problem of the world, being a software developer, now want to become a computer engineer. Want to get good control on Process, Packet and Signals.

**Interest**



having interest in solving the problems. for this, I used to learn from the world, not just technology, whereas different aspects. Want to be a good human being, learning from everyone.

In technology, Having more interest in **NETWORKING** and **IoT**.

**KEY EXPERTISE**



B-Tech with around 6 **Years** of experience in Software Development and working as an **IoT Developer** and **worked as a Full Stack Developer.** Being IoT developer, I treate **technology just as a tool**. I believe on problems solving.

**EXPERIENCE SUMMARY**



* Currently working as a **Senior** **SOFTWARE ENGINEER** in **Xlayer Technologies Pvt Ltd**, Bangalore . Worked on IoT POC Project **Smart Operation** as a Contract employee for **NTT Data Services** from **12th November 2018** to **31st March 2019 .**
* worked on **edge gateway** and **edge computing** for year.
* Worked **EdgeX foundary microservice** for IoT PoC .
* Exploring **Hadoop** and **Spark**.
* having basic understanding of **Machine Learning.** Looking for **better opportunity** in this.
* Worked as an **Android Developer** as well for a year.
* **Worked on NORDIC Bluetooth Low Energy for personal interest** .
* Having Interest in IOT. worked on **Arduino**, **ESP8266**, Basic **Circuit Design** using BreadBoard, Raspberry PI, **Siemens S7-1214 CPU, TIA** Portal.
* Exploring **whitebox switch**, l2 and **l3** layers, **ONOS**, **Router**, **FRRouting** .

**TECHNICAL SKILLS**

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| **Programming Language** | Node.js, Express Framework, Angularjs, Angular, Object Oriented Javascript, Jquery, C, Java, Php, Android, Python, Django Framework(Basic), RabbitMQ, OpenCv (Basic), Nordic Semiconductor ble, socket.io,GoLang, EdgeX foundry, Java, Maven, Spring, C++, Machine Learning, Hadoop, Spark |
| **Database** | MySQL, MongoDB**,** Sql Server |
| **Programming Design Pattern** | Monolithic, microservices |
| **Operating System** | Windows, Linux, AWS console |
| **Computer Program** | Docker, Docker-Compose, Swarm |
| **Scripting Language** | Bash, Python |
| **IoT Communication Protocol** | MQTT, BLE, MODBUS |
| **Web Server** | Nginx, Apache |
| **Code Repository** | SVN, Git |

**PROJECT DETAILS**



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| **Project Name** | **Smart Operations** |
| Duration | 20th September 2018 to 31st March 2019 |
| Project Details | Smart Operations was an IoT POC application. We get data from sensor by EdgeX Open Source application and sending to cloud. Doing Anomaly detection and creating model and sending to EdgeX and making Rule. On satisfying rule, Doing action on Environment. |
| Hardware | Dell IoT 5500 Gateway, Siemens S-7 1214 CPU, ESP32 arduino module, Raspberry and SenseHAT |
| Software | EdgeX foundry Open Source, Python, Java, GoLang, TIA Portal |
| Operating System | Linux, Windows, Raspbian |
| Roles  & Responsibility | Role: Communication between device and Cloud  Responsibility:   * Get data from sensor and send it to cloud * Take action on Device. * Testing and debugging. |

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| **Project Name** | **Water Motor Controller** |
| Duration | 20th December 2017 to 05th January 2018 |
| Project Details | Water motor controller was an IOT application. We made an android application through which we control our motor remotely. We developed an IOT app which is used to control motor by android app remotely |
| Hardware | Arduino, ESP8266 wifi module, UltraSonic Sensor, DC Motor |
| Software | C++, Node.js, Google Firebase Cloud Messaging, Python |
| Operating System | Linux |
| Roles  & Responsibility | Role: Design and Develop the project  Responsibility:   * Complete design and development project * Designing and implementing database architecture. * Testing and debugging. |

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| **Project Name** | **Logisure DOST** |
| Duration | 5th January 2018 to till Date |
| Project Details | Logisure DOST is logistic application. It helps transportation system to switch completely from offline to online. Our application is running in PAN INDIA. |
| Software | Nodejs, Express, Angular, sql server, Html and Css |
| Operating System | Linux |
| Roles  & Responsibility | Role: Full Stack Developer in Mean stack.  Responsibility:   * Node backend design and development. * Lead the team * Designing and implementing database architecture. * Testing and debugging. |

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| **Project Name** | **Khadem’s Doctor app (app.econsultz.com)** |
| Duration | 10th December 2016 to till Date |
| Project Details | App.econsultz.com is a doctor app. Using this app, a doctor can consult with another doctor . Can send report and keep doing conversation for a case. |
| Software | Angularjs, PHP (Yii2 Framework), Mysql, Html and Css |
| Operating System | Windows, Linux |
| Roles  & Responsibility | Role: I am a single developer and So I have to look everything like – design , Implement and fix the bug as well  Responsibility:   * Complete design and development project * Bug free project and keep happy to our client * Lead the team * Designing and implementing database architecture. * Testing and debugging. |

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| **Project Name** | **DYSPACHE** |
| Duration | 21st February 2016 to till Date |
| Project Details | Dyspache is a logistic system. It has two apps . One app for shipper who want to parcel one place to another place another app is for driver who want to deliver the parcel. Shipper can track his order and see its status. |
| Software | Android, MongoDb, Express, angularjs, NodeJS, Html and Css |
| Operating System | Windows, Linux |
| Roles  & Responsibility | Role: Full Stack Developer in Mean stack and Android.  Responsibility:   * Node backend design and development. * Andriod design and development * Lead the team * Designing and implementing database architecture. * Maintaining 3-tier architecture. * Testing and debugging. |

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| **Project Name** | **PICKCEL** |
| Duration | 18th March 2014 to 4th September 2015 |
| Project Details | Pickcel is a digital signage solution. It basically plays a content into any smart Tv.  A content is combination of image and video slider, text and Rss ticker , twitter and Url. It is best solution for advertisement world. |
| Software | Android, JavaScript, Node.js, Express.js, MongoDb, Angularjs,  Aws cloud image and video upload, HTML5 and CSS |
| Operating System | Linux |
| Role & Contribution | Role: To play content into smart Tv smothly.  Contribution:   * Node.js design and coding and Optimization. * Design and Implement of editor to create content which plays into smart Tv. * Testing and debugging |

**Employer History**

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| **Employer Name** | **Start Date** | **End Date** | **Reason for change** |
| Xlayer Technologies Pvt Ltd (Parent complany)  NTT Data Service Pvt Ltd(contract employee) | 22nd Oct 2018  22nd Oct 2018 | 30th April 2019  31st March 2019 | Contract was over |
| Above Solutions Pvt Ltd | 1st Dec 2017 | 19th Oct 2018 | Company is sell out to Persistent system |
| FuzioSparc Software Solution Pvt ltd | 1st Nov 2016 | 30th Nov 2017 | Good Opportunity |
| BellusMantra Software Solution Pvt Ltd | 7th Sept 2015 | 31st Oct 2016 | Good Opportunity |
| Etrance Networks | 13th Mar 2014 | 4th sept 2015 | Good Opportunity |
| Eclipse Technology Solution Pvt Ltd | 1st july 2013 | 31st jan 2014 | Not able to pay my Rs 5960/month salary |

**EDUCATIONAL QUALIFICATIONS**



**Degree** : **B. TECH in INFORMATION TECHNOLOGY (2013)**

**Institution** : B.P. Poddar Institute of Management & Technology, Kolkata

**CGPA** : 7.93

**University** : West Bengal University of Technology (W.B.U.T.), Kolkata

**Course** **: +2 SCIENCE (2008)**

**Institution** **:** S.K.M + 2 HIGH SCHOOL, MOKAMA, Patna

**Percentage** : 68%

**Board** **:** B.S.E.B.

**Course** **: 10th MATRICULATION (2006)**

**Institution** **:** S.K.M + 2 HIGH SCHOOL, MOKAMA, Patna

**Percentage** **:** 66%

**Board** **:** B.S.E.B

**PERSONAL DETAILS**

**Father’s Name :** Late Mahindra Prasad Yadav

**Mother’s Name :** Lalita Devi

**Date of Birth :** 02nd FEB,1992.

**Permanent Address :** S/O-Lalita Devi,At-Bharat Wagon Colony,

P.O+P.S-Mokama, Patna, Bihar, 803302

**Gender**  **:** Male

**Marital Status**  **:**  Unmarried

**Nationality**  **:** Indian

**Strength** **:**  Good analytical and testing skill and having good patience level,

Capitalize opportunity, Always grow in my carrier

**Hobby** **:** Reading blog and Teaching

**(RAJNISH KUMAR)**