

# PERSONAL INFORMATION:

ARIFUR RAHMAN

DATE OF BIRTH 10/02/1992

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<https://github.com/Arifur71484?tab=repositories> <https://hub.docker.com/u/arifur4321>

https://www.researchgate.net/profile/Arifur\_Rahman50/publications

# Professional Title

**Senior Software Engineer**

# Professional and Working Skills

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| Operating systems | Microsoft® Windows, Linux |
| Server | Portal Server, Liferay portlet , Geonetwork , GeoServer , GeoWebCache RabbitMq , Kafka , Apache Active MQ, Linux Remote server . Terraform ,Jenkins ,Jmeter |
| technologies Integration & delivery | Apache, Tomcat, JBoss, WebLogic , Docker Image, Container , service integration Kubernetes Pod , Container OGC (WMS, WFS)  , FossGis , OSGEO Ansible , Salesforce , Apex , Govornor Limits .AWS ,GCP , Raspberry pi 3 .Xcode, Multichain,Blockchain. TensorFlow, NLP,PyTorch |
| Build management | Ansible 2.2 .Jenkins pipeline freestyle jobs, sonarcube test plugin, Ant, Maven. Hibernet , JDK, Selenium. |
| Version control | Svn, Git, CI/CD |
| DBMS | Oracle, Mysql, MongoDB , Postgresql , Dbbeaver,PostGis ,SQL |
| Search engine | Elastic, Sphinx |
| Programming | Angular 10,, pyhton3 Java, PHP, Javascript,Linux Bash, JavaBeans, Spring, Hibernate,Ajax, jQuery, , Bootstrap,Flutter ,Dart |
| Framework | Cytoscape , GeoExt , EXT JS , OpenLayer , Mapfish |

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| Development Tools | Eclipse, NetBeans, Codeignitor, |
| IDE/Software | Workbench,laravel, GNU Tools, QGIS EMU8086, WireShark, Oracle® VM VirtualBox, ModelSim, PSpice, MATLAB |

**Work Experience**

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| **Company/Organization** | ***Researcher***  ***ISASI CNR***  ***Istituto*** ***di Scienze Applicate e Sistemi Intelligenti · Full-time***  ***Italy . https://www.isasi.cnr.it/*** |
| Period | 15/11/2022 –ongoing |
| Sector | “IdentiFly”: Identification, Registration and Application of Policies for Drones in Action |
| Type | Short – Period |
| Role | Researcher |
|  | Angular 10,Java, Jquery ,Python 2-3, JavaScript , Rest API ,ASP .NET and HTML , CSS, Python , Raspberry pi , IDME PRO, AWS ,GCP , Kubernetes & Docker .Linux shell .Raspberry pi 3 .Flutter ,Dart. Multichain,Blockchain. |
| Task/Activities | Identify and scan nearby drone using Bluetooth sniffing and wifi sniffing according to the new policies with ASTM standard Identification, Registration and Application using tools like IDME pro ,Raspberry pi 4 .And maintain autopilot . As well as save location data in Blockchain Multichain. Maintain AWS EC2 engine. GCP, Kubernetes pods ,CI CD pipelines jenkins |

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| **Company/Organization** | ***Software Developer***  ***Mediatica SPA ,Rome ,Italy (***[***www.mediaticaspa.it***](http://www.mediaticaspa.it)***)*** |
| Period | 01/01/2021 –10/11/2022 |
| Sector | Java , C#, Angular js , Docker imgae and container Service Integration . Kubernetes Technologies, MongoDB and SQL Server,Multichain,Blockchain. |
| Type | Short - Period |
| Role | DevOps |
|  | Angular 10,Java , JavaScript and HTML , CSS ,Flutter , Dart , Linux Command , programming , AWS ,GCP , Kubernetes ASP .NET , |
| Task/Activities | Maintain and modify The Application and control the company Remote server .Maintain the AWS EC2 engine , GCP Kubernetes pods .And testing software with Jmeter. |

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| **Company/Organization** | ***Software Developer***  ***Antas S.R.L ,Italy (***[***www.antas.org***](http://www.antas.org/)***)*** |
| Period | 10/4/2020 –10/12/2020 |
| Sector | Java , C#, Angular js , Docker imgae and container Service Integration . Kubernet Technolgies, MongoDB and SQL Server |
| Type | Short - Period |
| Role | DevOps |
|  | Angular10,Java , JavaScript and HTML , CSS , Terraform ,Jenkins |
| Task/Activities | Modify the websites through the company server  using the company vpn . After completing each task the deployment and other activity needs to be done by me . |

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| **Company/Organization** | ***Software Developer***  ***Nexum AI , Italy (https://nexum-ai.com/)*** |
| Period | 10/401/2020 –01/04/2020 |
| Sector | Java , C#, Angular js , Docker imgae and container Service Integration . Kubernet Technolgies, MongoDB and SQL Server |
| Type | Short - Period |
| Role | DevOps |
|  | Angular10,Java , JavaScript and HTML , CSS , Terraform ,Jenkins |
| Task/Activities | Develop and Modify the applications, maintain company server  Jenkins pipeline. Maintain docker container and Kubernetes pods in GCP as well as AWS EC2 engine . |

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| **Company/Organization** | **Software Developer**  **Geodatalab S.R.L, Rome ,Italy** [**www.geodatalab.info**](http://www.geodatalab.info/) |
| Period | 10/1/2018 –10/12/2019 |
| Sector | Liferay Portlet , GIS Development , Angular js , Docker imgae and container Service Integration . Kubernet Technolgies, D- flight Project |
| Type | Full-time |
| Role | DevOps |
|  | Angular 10 , JavaScript and HTML , CSS ,Liferay portlet. |
| Task/Activities | developing and deploying websites and liferay portlet and deploy it using company server . GIS work using QGIS platform , creating Georeference . Angular application development by  creating new component , module and services . |

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| **Company/Organization** | **Internship program in Samsung**  **Bavaria , Germany.** |
| Period | 1/01/18 - 1/06/18 |
| Sector | Information technology |
| Type | Internship |
| Role | Working student |
| Task/Activities | As working student to focus on running project based on java ee and implication on different sprint and activity using library and  jsp , junit and html , css. |

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| **Company/Organization** | **Software Developer  Cloud IT , Dhaka ,Bangladesh ,** [**www.cloudit.bd**](http://www.cloudit.bd/) |
| Period | 10/1/2016 –03/06/2016 |
| Sector | Web Development through Codeignitor IDE |
| Type | Full Time |
| Role | DevOps |
|  | Php programming , JavaScript and HTML , CSS programming to |
| Task/Activities | developing and deploying websites using codeignitor and laravel and deploy it using the company server . |

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| **University/Institution: University of Camerino .Italy.** |
| Degree: M.Sc in Computer Engineering |
| Period: 01/09/2016 - 24/03/2019 |
| Calculus, Linear algebra, Mathematical methods, Probability and statistics, Numerical methods, Electric circuits, System and control, Electronic devices, Electronic measurements, Electromagnetic waves, Signal theory, Computer architecture and system programming(Assembly 8086), Advance Programming(C), Object oriented  programming(JAVA) |

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| **University/Institution: Otto Freidreich Universitat Bamberg, Germany** |
| Degree: M.Sc in Computer science and Engineering |
| Period: 1/01/18 - 1/12/18 (Erusmus Program) |
| Masters Thesis: Transformation of Monolithic Application to Mictoservice Architecture using Docker and Kubernet Technologies |

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| **University/Institution: Brac University , Bangladesh .** |
| Degree : B.Sc in computer science . |
| Dhaka , Bangladesh |
| Degree: B.Sc in Computer |
| Period: 01/09/2011 - 01/03/2015 |
| Major courses: Calculus, Linear algebra, Discrete mathematics, Computer,  Microprocessor, Data Structure, Object oriented programming( C+ +, JAVA),Operating Systems, Telecommunication network |

# Education and Training

# Personal Project link

<https://github.com/Arifur71484?tab=repositories> <https://hub.docker.com/u/arifur4321>

Specific description of individual Project :

**Learnpad Project :** Learn PAd is a European financed project (FP7).In modern society public administrations (PAs) are undergoing a transformation of their perceived role from controllers to proactive service providers, and are under pressure to constantly improve their service quality while coping with quickly changing context (changes in law and regulations, societal globalization, fast technology evolution) and decreasing budgets. Civil servants are challenged to understand and put in action latest procedures and rules within tight time constraints.

i made Learnpad component into docker container and kubernet pods Here is both github and dockerhub link :<https://github.com/Arifur71484/learnpad>

<https://hub.docker.com/u/arifur4321>

**StringApp :** This Project is a message sending app using rabbitMQ. This project was generated with Angular CLI version 8.3.3. i made StringApp into docker container and kubernet pods

Here is both github and dockerhub link : <https://github.com/Arifur71484/StringappN>

<https://hub.docker.com/r/arifur4321/stringapp/tags>

**SpeacialString :** This project is a message reciving app using rabbitMQ. This project was generated with Angular CLI version 8.3.3.i made SpeacialString into docker container and kubernet pods

Here is both github and dockerhub link :

<https://github.com/Arifur71484/Speacialstring>

<https://hub.docker.com/r/arifur4321/speacialstring/tags>

**UserMonitor Liferay Portlet** : This is a liferay portlet project . i made it and deploy it in Egeos server . Ext JS 3.4 javascript library is integrated inside the project i made UserMonitor portlet into docker container and kubernet pods

Here is both github and dockerhub link : <https://github.com/Arifur71484/UserMonitor-Liferay-Porlet>-

<https://hub.docker.com/r/arifur4321/usermonitor-portlet/tags>

**Cytoscape.js librqary project** :Graph theory (network) library for visualisation and analysis : [https://js.cytoscape.org](https://js.cytoscape.org/)

Description : Cytoscape.js is a fully featured graph theory library. Do you need to model and/or visualise relational data, like biological data or social networks? If so, Cytoscape.js is just what you need.

i made usable graph using cytoscape library<https://github.com/Arifur71484/cytoscape.js>

**AngularJS GoogleMap project :** This is a masters course project using AngularJs and googleMap integrated .

<https://github.com/Arifur71484/Angular-JS-oogle-maps-API-project>-

**Language Skills:**

Mother tongue**:** Bangla Other language(s):

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| --- | --- | --- | --- | --- |
|  | Listening | Writing | Spoken | Reading |
| English | C1 | C1 | C1 | C1 |
| Italian | B1 | B1 | B1 | B1 |
| German | B1 | B1 | B1 | B1 |

Dear Sir/Madam,

Hope this letter finds you well. I would like to first take this opportunity to introduce myself as a Researcher at ISASI CNR Lab , Italy . I have also worked in different software development company in Italy last few years as a software developer .

I have completed my M.S. degree in Computer Science in University of Camerino , ITALY . I am currently looking for full time permanent positions with esteemed organization. My curriculum comprised of courses like Database Systems, Analysis of Algorithms, Some high level language like Java,,python 3 ,Angular 10 ,C++, Web Technologies, Software Engineering ,Linux , Networking, Specification and design of Graphical User Interface has assisted me to gain profound knowledge in the field of Computer Science.

MY Bachelor Thesis is based on Bangla text to speech using Festival Engine.

And My Master’s Thesis is based on Transformation of monolithic application like learnpad to microservices architecture using Kubernet and microservices tools .

Adapting to various work cultures, identifying and resolving bottlenecks and prioritizing have been striking features of my working style. In addition to the above, I strongly believe in learning and sharing my knowledge with my colleagues. Knowledge parted is knowledge gained has been my motto in life. I am keen to learn and am sharp at identifying and solving problems.

I am confident that my background and knowledge in the Information Technology arena coupled with my strong technical skills in software languages will prove an asset to your organization and add immediate value to your organization.

I have enclosed my resume and would appreciate an opportunity to talk with you. Should you have any questions, please feel free to contact me. I look forward to hearing from you soon.

Cordially,

ARIFUR RAHMAN