

## Objective

To build highly successful growth oriented career in the field of **Software Development**. By performing with integrity & undertaking important responsibility to assure my best efforts in the progress of the organization.

## Academic Credentials


| Degree                               | Year of Passing | Institute                                    | Board/University        | Specialization   | Percentage |
|--------------------------------------|-----------------|--|-------------------------|------------------|------------|
| <b>M.Sc.(CS)</b><br><b>SEM - III</b> | 2017            | Indira College Of Commerce and Science       | University Of Pune      | Computer Science | 79.00      |
| <b>B.Sc.(CS)</b>                     | 2015            | Indira College Of Commerce and Science       | University Of Pune      | Computer Science | 68.75      |
| <b>H.S.C</b>                         | 2012            | Shree Fattechand Jain Jr. College, Chinchwad | Maharashtra State Board | Science          | 53.67      |
| <b>S.S.C.</b>                        | 2010            | L.T.M. Vidyalay                              | Maharashtra State Board | -                | 68.91      |


## Technical Skills


|                               |  |
|-------------------------------|--|
| <b>Languages / Technology</b> | C,C++,JAVA Python, AWS, Microsoft Azure, Windows Powershell, Qlik Sense, Thingworx, Thingworx Studio (Vuforia Studio). |
| <b>Web Technologies</b>       | AWS, PHP, HTML, JSP, AJAX, ASP.NET.  |
| <b>Databases</b>              | SQLite, MySQL, PostgreSQL, SQL Server 2008 R2.   |
| <b>Operating Systems</b>      | Linux, Windows, Raspbian, Android  |


## Experience

|                     |                            |  |
|---------------------|----------------------------|--|
| <b>PTC Software</b> | Intern                     | Worked on AWS, Microsoft Azure, Mule ESB, Thingworx, Qlik Sense                  |
| <b>PTC Software</b> | Associate Software Analyst | Working on PLM tool for retail industry. Involved in development of Modules like |

| Android App Developed (E-Billing)  |  |
|--|--|
| <b>Name</b>  | E-Billing  |
| <b>Technologies</b>  | Java   |
| <b>Databases</b>   | SQLite   |
| <b>Operating Systems</b>   | Android  |
| <b>Description</b>   | The Municipal Corporation has System to Estimate and distribute the Electricity Consumption, Water Consumption, Property Tax which is very Lengthy, The Proposed System Provides an Customers Data on smart phone with spot wireless printing (Invoice). |

| Android App Developed (Swatch Bharat)  |  |
|---|--|
| <b>Name</b>   | Swatch Bharat.   |
| <b>Technologies</b>   | Java   |
| <b>Databases</b>  | SQLite   |
| <b>Operating Systems</b>  | Android  |
| <b>Description</b>  | It allows to click picture of any social issue such as <b>excess of garbage</b> , road breaks, <b>pollution</b> etc. through cell phone. The picture which captured is get shared with the <b>GPS location</b> of that picture to nearest NGO's and Municipal Corporation. |

| Android App Developed (IoT)  |  |
|---|--|
| <b>Name</b>   | SenseEnv   |
| <b>Technologies</b>   | JAVA, ARDUINO  |
| <b>Databases</b>  | SQLite   |
| <b>Operating Systems</b>  | Android  |
| <b>Description</b>  | To monitor the environment in terms of CO2 Gas, Temperature before Entering to area. |

| Android App Developed (IoT)  |  |
|---|--|
| <b>Name</b>   | SmartHome (Home Automation)  |
| <b>Technologies</b>   | JAVA, ARDUINO  |
| <b>Databases</b>  | SQLite   |
| <b>Operating Systems</b>  | Android  |
| <b>Description</b>  | To operate the home appliances Like FAN, CFL on Smart Phone with the help of Bluetooth ( <b>HC-05</b> ) and <b>ARDUINO UNO</b> . |

| <b>Project Developed (Standalone)<br/>(Corporate Security Net)</b> |   |
|--|---|
| <b>Name</b>  | <b>CSN</b> (Corporate Security Net)   |
| <b>Technologies</b>  | Java  |
| <b>Databases</b>   | MySQL   |
| <b>Operating Systems</b>   | Red Hat Linux   |
| <b>Description</b>   | To bypass the traditional pen-paper work of maintaining visitor's record, CSN will help you to maintain the visitors record. It will generate Printed Visitor Pass by demand. The system is secure because it is fully automated.<br>It also stores information about Humans where visitors are going to visit. |

| <b>Android App Developed<br/>(Market)</b> |  |
|---|--|
| <b>Name</b>                               | Market   |
| <b>Technologies</b>                       | Java   |
| <b>Databases</b>                          | SQLite   |
| <b>Operating Systems</b>                  | Android  |
| <b>Description</b>                        | Android tablet based ERP systems, that allow user to print PS/ invoices in wireless architecture, With the help of Bluetooth systems allows user to print over a range of 100 mtrs. It consist of ERP modules like Inventory, Bill, Taxex, Customer Cards etc. |

| <b>IoT (RaspberryPi)<br/>(SelfNavigation)</b> |  |
|---|--|
| <b>Name</b>                                   | Self Navigation  |
| <b>Technologies</b>                           | Python GPIO  |
| <b>Databases</b>                              | -  |
| <b>Operating Systems</b>                      | Raspbian   |
| <b>Description</b>                            | The system is made for blind and dumb-deaf people for navigation with the help of static maps programmed in Python with sensors.<br>(Accelerometer – <b>ADXL345</b> and <b>Raspberry Pi B+ Model</b> ) |

| <b>IoT (RaspberryPi)<br/>(Indoor Security For Home)</b> |   |
|---|---|
| <b>Name</b>   | Indoor Security   |
| <b>Technologies</b>                                     | Python GPIO   |
| <b>Databases</b>  | -   |
| <b>Operating Systems</b>                                | Raspbian  |
| <b>Description</b>                                      | The system can able to sense the motion with the help of <b>PIR Motion Sensor</b> to detect motion when nobody is present in the house. If motion detected then alarm will turn on and user will get acknowledged with captured image captured by PiCamera. |

| <b>Azure Cost Reporting (PTC)<br/>(Dev Test Lab)</b> |  |
|--|--|
| <b>Name</b>  | Skippy TS Azure Dashboards   |
| <b>Technologies</b>                                  | Powershell, Batch scripting, Java, Qlik Sense  |
| <b>Databases</b>                                     | Oracle 11g   |
| <b>Operating Systems</b>                             | Windows  |
| <b>Description</b>                                   | The Qlik application allows to see usage cost of Microsoft Azure Cloud Services for specific resource Owner. |

| <b>Cloud Based Quality Agent (PTC)<br/>(AWS POC)</b> |  |
|--|--|
| <b>Name</b>  | Cloud Based Quality Agent  |
| <b>Technologies</b>                                  | Java, S3, SQS, SNS, SWF  |
| <b>Databases</b>                                     | PostgreSQL   |
| <b>Operating Systems</b>                             | Windows  |
| <b>Description</b>                                   | As a part of PTC product, PTC has inbuilt Quality agent application, that sends data to PTC, this is cloud based version of <b>Quality Agent</b> . |

| <b>VMWare (PTC)</b>      |  |
|--------------------------|--|
| <b>Name</b>              | <b>Vmware</b> Workstation Pro 12   |
| <b>Technologies</b>      | vmware   |
| <b>Databases</b>         | -  |
| <b>Operating Systems</b> | Windows  |
| <b>Description</b>       | Creating vm templates for the different products of PTC, so that users can save the time, instead of setting up environment. It is a vmware template that contains all the required software's for development |

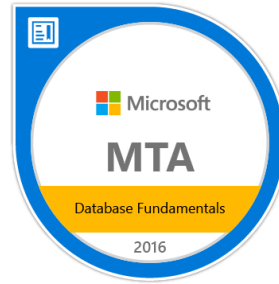
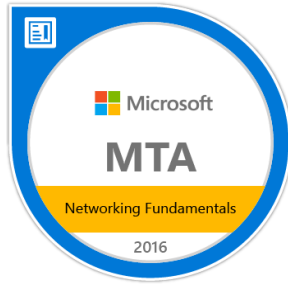
| <b>Docker (PTC)</b>      |   |
|--------------------------|---|
| <b>Name</b>              | Docker  |
| <b>Technologies</b>      | Docker  |
| <b>Databases</b>         | -   |
| <b>Operating Systems</b> | Windows / Linux   |
| <b>Description</b>       | Creating containers for the different versions of products and just start the container, and everything will be up and running. Here we are saving the Developers time to setup the development environment |

| Vulnerability Scan (PTC) |  |
|--------------------------|--|
| <b>Name</b>              | Vulnerability Scan   |
| <b>Technologies</b>      | Shell scripts, Data forensic tools   |
| <b>Databases</b>         | -  |
| <b>Operating Systems</b> | Linux (Kali Linux)   |
| <b>Description</b>       | To find vulnerabilities in the product like XSS, un-used cache, limit suppressed resources, Penetration testing and possible attacks on the Web Application. |

| Apache CloudStack (PTC)  |   |
|--------------------------|---|
| <b>Name</b>              | CloudStack  |
| <b>Technologies</b>      | -   |
| <b>Databases</b>         | MySQL   |
| <b>Operating Systems</b> | Linux   |
| <b>Description</b>       | Web based opensource tool which provides Management of Virtual Machines, Templates, Storages, Network Configuration etc |

| Extra Academic Achievements |  |
|-----------------------------|--|
| <b>Second Runner UP</b>     | Inter college Pi-Day Competition Based on mathematics Organized by Indira College of Commerce & Science, Pune. (22-July-2013). |
| <b>Participation</b>        | <b>Hackathon 2015</b> organized by <b>CIII</b> and <b>IBM, Bangalore.</b> (Android App Development) (16-17 Jan 2015)           |
| <b>Participation</b>        | Seminar on Networking organized by Indira College of Commerce & Science, Pune.   |
| <b>Participation</b>        | Workshop on Android App Development by Mr. Shivkumar Birajdar.   |
| <b>Participation</b>        | National Conference on <b>Recent Trends in Computer Science and Mathematics (RTCSM).</b>                                       |
| <b>Runner Up</b>            | <b>TECHNOTHON-2016 (Software Project),</b> Organized By Mamasahab Mohol College, Paud Road.                                    |
| <b>Winner</b>               | <b>HAPPENING-2016 (Software Project),</b> Organized By Allana Institute Of Management & Studies.                               |
| <b>Winner</b>               | <b>ADROIT-2016 (Software Project),</b> Organized By H.V.Desai College  |
| <b>Winner</b>               | <b>RDX-2016 (Software Project),</b> Organized By Ram Krishna More College.   |
| <b>Winner</b>               | <b>INTERACTION 15-16 (Software Project),</b> Organized By Modern College Of Arts, Commerce & Science.                          |
| <b>Winner</b>               | <b>TECHNOCASE 2015 (Software Project),</b> Organized By IICMR.   |
| <b>Winner</b>               | <b>SPANDAN-2016 (Software Project),</b> Organized by ATSS.   |

## Microsoft Certifications



## Udemy Certifications

- Unpacking the Internet Of Things
- Simple Framework for Designing IoT Products
- Red Hat Openstack Technical Overview
- New Business Markets in the Internet of Things
- Introduction To Cloud Computing

## Personal Information

|                        |  |
|------------------------|--|
| <b>Date Of Birth</b>   | 13-May-1995  |
| <b>Languages Known</b> | Marathi, Hindi, English                                    |
| <b>Gender</b>          | Male   |
| <b>Marital Status</b>  | Single   |
| <b>Hobbies</b>         | Listening Songs, Coding, PPT & AV Creation.                |
| <b>Strength</b>        | Life longer learner, Honesty, Hard-Work, good leadership.  |
| <b>Address</b>         | B3, Ram Radha Apartement, Dange Chowk Thergaon Pune 411033 |

## Experience

| Organization | Role / Position            | Start Date                | End Date                   |
|--------------|----------------------------|---------------------------|----------------------------|
| PTC Software | Internship                 | 15 <sup>th</sup> Sep 2016 | 30 <sup>th</sup> June 2017 |
| PTC Software | Associate Software Analyst | 3 <sup>rd</sup> July 2017 | 30 <sup>th</sup> June 2018 |
| PTC Software | Software Analyst           | 1 <sup>rd</sup> July 2018 | Till Date                  |

## Declaration:

I hereby declare that the above written are to the best of my knowledge and belief.

**Date:**     /     /

**Place:** Pune

**(Mr. Bagwan Imran Shahajan)**

Bagwan Imran Shahajan