ASHISH OJHA

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**Objective:**

* Work hard to achieve the goals set by the organization.
* To be a committed member in the team and be an asset to my team.

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| **Technical Skills** |  |
| **Languages** | **HTML, CSS, JavaScript, jQuery, Ajax, XML, SQL, PHP, Python programming.** |
| **Databases** | **MySql & Oracle Databases.** |
| **Open-Source Server Software Packages** | **XAMPP, LAMPP, EasyPHP.** |
| **Server** | **Apache Web Server** |
| **Code Editors/Debuggers** | **Dreamweaver, Geany, Bluefish, Notepad, Notepad++, gEdit, Eclipse, Sublime Text 2.** |
| **Open-Source Forum Software’s** | **SMF, phpBB.** |
| **Open-Source Blogging Software** | **WordPress, Troubleshooting on SMF, phpBB & WordPress software’s.** |
| **Other PHP Helper Tools** | **Basic work with Xdebug, Basic work with Php Memcached server.** |
| **Subversion Systems** | **SVN, Git.** |
| **Operationg System** | **Windows98, WindowsXP, Windows7, Ubuntu(Debian based distro), CentOS(RHEL based distro).** |
| **Search Engines** | **Basic work with Apache Solr search engine. Using the Data Import Handler to index Database table data in Solr and using the Faceting mechanism to group and apply conditions while fetching data.** |
| **Nginx** | **Basic work with Nginx, setting it up as a Load balancer for Apache server on the LAMPP stack to serve static and media files.** |
| **Node.js** | **Express.js: Basic stuff with Node.js and Express.js.** |

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| **Professional Qualifications – Education** | **Passing** |
| **SSC – Maharashtra Board** | 1999 |
| **HSC – Maharashtra Board** | 2001 |
| **B.Com - Mumbai University** | 2004 |

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| **Client** | **Softaculous Ltd** |
| **Project** | **Virtualizor Virtual Machine manager Software** |
| **Duration** | **September '10 – May '11** |
| **Role** | **Software Developer** |
| **Team Size** | **2** |
| **Tech Used** | **HTML,CSS,Javascript,JQuery,Boottstrap,PHP,MY SQl,Linux.** |

**Project Description**

**Virtualizor is a software which installs and manages guest operating systems on your server making the job easy for the Server Admin to manage its Virtual Machines.**

**Roles & Responsibilities**

* **Developing the core backend features of the software.**

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| **Client** | **Justdial Ltd** |
| **Project** | **Interbal Review Ratings Module Software, Social Networking features of the website** |
| **Duration** | **July '11 – Feb '13** |
| **Role** | **Software Engineer** |
| **Team Size** | **2** |
| **Tech Used** | **HTML,CSS,Javascript,JQuery,Boottstrap,PHP,MY SQl,Linux.** |

**Project Description**

* **Worked with the FB Graph API. Worked on the backend CRM and DataEntry modules in JustDial.**
* **Worked with some part of the JustDial website building a part of their friends tagging, social-networking features.**

**Roles & Responsibilities**

* **Developing the core backend features of the software.**

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| **Client** | **Findable.in** |
| **Project** | **Findable.in Geolocation based Product Search engine** |
| **Duration** | **Mar '13 – Jul '14** |
| **Role** | **Software Engineer** |
| **Team Size** | **3** |
| **Tech Used** | **HTML,CSS,Javascript,Bootstrap,Python,Django,PostGre Sql,GitHub,AWS** |

**Project Description**

**Project consisted of Bootstrap 3.0.0 for the site theme and making the website mobile friendly.**

**Project consisted of web parsers which would crawl and parse various websites to do the necessary data mining for data needs. Writing these parsers on Python. Using the Beautiful Soup, lxml libraries for DOM tree traversal. Writing parsers as well as some part of the website.**

**Developing other backend features of the website like User login/logout system, Commenting & Review/Rating backend system,writing Product List pages, Product Details pages, searching DB.**

**Roles & Responsibilities**

* **Developing the core backend features of the software and also taking care of proper frontend integration.**

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| **Client** | **Livquik Technology** |
| **Project** | **Admin panel Software, Dashboard Chart based software, CRUD software** |
| **Duration** | **Mar '15 – Dec '15** |
| **Role** | **Software Engineer** |
| **Team Size** | **1** |
| **Tech Used** | **HTML,CSS,Javascript,Bootstrap,Marionette.JS,Backbone JS,Node JS,MY Sql,GitHub,AWS,Redis,Mongo DB** |

**Project Description**

**Project consisted of writing an Admin system for Merchants to login into the website & perform tasks**

**on the db. Creating a dashboard showing data from db in different charts format.**

**Roles & Responsibilities**

* **Developing the core backend features of the software and also taking care of proper frontend integration.**

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| **Client** | **General Electric (GE)** |
| **Project** | **Maintaning and adding to an internal company website of GE named FirstBuild.com** |
| **Duration** | **Apr 16 - ...** |
| **Role** | **Sr. Software Engineer** |
| **Team Size** | **3** |
| **Tech Used** | **HTML, CSS, Javascript, Bootstrap, Python/Django, Gulp.js, Celery, PostgreSql, GitHub, AWS, Redis, MongoDB, ElasticSearch, Vagrant, Kibana(Basic).** |

**Project Description**

**Project consisted of maintaining and adding/developing to the website.**

**Roles & Responsibilities**

* **Developing the core backend features of the software and also taking care of proper frontend integration.**

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| **Client** | **General Electric (GE)** |
| **Project** | **Writing and adding features to an internal company iOS app of GE.** |
| **Duration** | **April 2017 - ...** |
| **Role** | **Sr. Software Engineer** |
| **Team Size** | **1** |
| **Tech Used** | **Swift 3, XCode 8.2/9.0, GitHub, AWS, Redis, Google Maps.** |

**Project Description**

**Project consist of an iOS app made to manage bookings of Conference rooms, Parking lots across GE offices.**

**Its also used for tracking company car fleet on maps & booking car in case needed.**

**Roles & Responsibilities**

* **Developing the project from scratch & writing the core features of the iOS App.**

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| **Client** | **General Electric (GE)** |
| **Project** | **Python app hosted on the AWS Lambda service interacting with DialogFlow and Google Assistant.** |
| **Duration** | **February 2018 ...** |
| **Role** | **Sr. Software Engineer** |
| **Team Size** | **2** |
| **Tech Used** | **Python, DialogFlow, Google Assistant, AWS Lambda, AWS Cloudwatch, API Gateway.** |

**Project Description**

**Prject consist of a Python app hosted on the AWS Lambda service interacting with DialogFlow and Google Assistant.**

**Making information available for our Sales team on Voice by setting up Projects, Intents, Entities on DialogFlow and using Google Assistant for NLP.**

**Roles & Responsibilities**

* **Developing the project & writing the core features of the Python App.**

**Personal Opensource Projects:**

**A few projects:**

**1] Business profile website :**

[**http://ragawebgraphics.com/**](http://ragawebgraphics.com/)

[**http://bangaloredentist.co.in/**](http://bangaloredentist.co.in/)

**2] A Software I made.**

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| **Project** | **An open-source software i made. Its a social-networking and forum software, with very basic Artificial Intelligence (AI) capabilities.**  **The design of the software follows the Front-Controller Pattern.**  **It has features like:**  **A User Management system, User Permission system,**  **User profiles, Friends adding, writing on Friends Wall,**  **Creating threads, replying to threads, creating and replying to boards,**  **User banning, Image Gallery, Setting up Polls on images, Image Comments, Image ratings etc.**  **AI: It also has some very basic AI( Artificial Intelligence ) capabilities enabled where the system itself automatically tries to determine if the user is committing any mischief, and if he/she is, then the system itself takes some predefined appropriate action according to what a normal human may take.** |
| **Technologies** | **PHP, MySQL, JS, jQuery.** |
| **Github** | [**https://github.com/ashish2/muntoo**](https://github.com/ashish2/muntoo) |
| **Live version** | [**http://mforum.x10.mx/3/3/**](http://mforum.x10.mx/3/3/) |

**3]**

**Just some stuff with Algorithms:**

**> Nothing too serious here, Just some fun with Knuth-Morris-Pratt algorithm(KMP) string searching algorithm by changing the values assigned to the table/comparison array in the failure\_function()**

**Python KMP class:**

[**https://github.com/ashish2/Algo/blob/master/kmp.py**](https://github.com/ashish2/Algo/blob/master/kmp.py)

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| **Project** | **A Small Basic Q&A software Django.** |
| **Technologies** | **Python/Django, PostgreSQL.** |
| **Github** | [**https://github.com/ashish2/PySite**](https://github.com/ashish2/PySite) |
| **Live version** | [**http://secure-badlands-6298.herokuapp.com**](http://secure-badlands-6298.herokuapp.com/) |

**5]**

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| **Project** | **Writing Scrapy web crawlers and parsers:**  **Parsing a few E-Commerce websites like CompuIndia.com, TheMobileStore.in etc.**  **Using Xpath to traverse the document tree.** |
| **Technologies** | **Python/Django, PostgreSQL, Scrapy.** |
| **Github** | [**https://github.com/ashish2/spidy**](https://github.com/ashish2/spidy) |
| **Live version** | **NA** |

**6]**

**> A jQuery Cookie plugin.**

[**https://github.com/ashish2/Js-jQuery-plugins/blob/master/hotfire\_cookie.js**](https://github.com/ashish2/Js-jQuery-plugins/blob/master/hotfire_cookie.js)

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| **Project** | **Basic node app for collecting Userdata and fast retrieval from document based DB.** |
| **Technologies** | **JS, Node.js, ExpressJS.** |
| **Github** | [**https://github.com/ashish2/userData**](https://github.com/ashish2/userData) |
| **Live version** | **NA** |

**8]**

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| **Project** | **Basic chat app on node.js and socket.io.**  **You can test the app, by opening two different tabs in your browser, signing in with two test names & the 2 test names will then be able to chat with each other.** |
| **Technologies** | **JS, Node.js, ExpressJS, SocketIO.** |
| **Github** | [**https://github.com/ashish2/talk**](https://github.com/ashish2/talk) |
| **Live version** | [**http://stark-scrubland-3047.herokuapp.com/**](http://stark-scrubland-3047.herokuapp.com/) |

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| **Project** | **Simple Voice search, which takes your query as voice input & searches for the query on the internet.** |
| **Technologies** | **Python/Django, wit.ai, google custom search.** |
| **Github** | [**https://github.com/ashish2/djApps/tree/vahan**](https://github.com/ashish2/djApps/tree/vahan) |
| **Live version** | [**http://mysterious-lowlands-8173.herokuapp.com/vahan/**](http://mysterious-lowlands-8173.herokuapp.com/vahan/) |

**10]**

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| **Project** | **Basic blog like node app for making posts, comments, and posting photos made on Sails.js.** |
| **Technologies** | **JS, Node.js, Sails.js.** |
| **Github** | [**https://github.com/ashish2/jsSfware**](https://github.com/ashish2/jsSfware) |
| **Live version** | **NA** |