A S H I S H   O J H A

Personal Details:

- **Date of Birth**: 10 June 1983 ; **Gender**: Male

- **Email**: vickyojha2@yahoo.com ; **Phone**: +91-98679-22007

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.

Education:

- SSC – Maharashtra Board

- HSC – Maharashtra Board

- TYBCom – Mumbai University

Computer Skills:

Languages & Databases: HTML, CSS, Swift, JavaScript, jQuery, Ajax, SQL, PHP, Python programming, MySql & Postgresql Databases.

Subversion Systems: SVN, Git.

Operating Systems:

- *Windows:* Windows98, WindowsXP, Windows7. Linux: 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.

Work Experience:

Xoriant Corporation: (Jul '19 – ...)

- Working as a Sr. Software Engineer architecting, developing and adding features to the software and end to end testing the same.

- Technologies used: Python, Django, FastAPI, Node.js Docker containers, AngularJs, ReactJs, Redux, Redis, Node-Cache, AWS Lambda, API Gateway. Using MySql/Postgre as database.

Sooryen Technologies: (Oct '18 – Apr '19)

- Working as a Sr. Software Engineer adding features for a client website RiskPro.com.

- Working on Data Migration Framework to migrate and convert Data from the older system to the newer system for the client.

- Technologies used: Python, AWS Lambda. MySql for relationships based modules.

Vsoft Consulting (Client: GE): (Apr '16 – Apr '18)

- Working as a Sr. Software Engineer maintaining and adding to the Firstbuild.com website and keeping the site live.

- Technologies used: Python/Django, Angularjs. Redis and MongoDB, for faster records retrieval. PostgreSql for relationships based modules. Using Gulp.js for front-end task automation.

- ElasticSearch for providing the Search functions for the search modules.

- Instances launched on AWS with diligent networking done with focus on keeping security as the highest priority.

LivQuik Technologies: (Mar '15 – Dec '15)

- Working on Coffeescript and Node.js, Express.js framework, front-end stack comprising Marionette.js, Backbone.js, Require.js.

- Databases: Redis, MongoDb for faster records retrieval. MySql for relationships based modules. Using Docker for isolating tech environment.

Findable.in: (Mar '13 – July '14)

- Worked on the Findable.in website writing the jQuery, CSS and PHP part of the website. Worked on CodeIgniter framework and making the website on the same.

- Wrote 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.

- Basic stuff with Python-Django framework, while writing parsers as well as some part of the website. Work with Gunicorn web server and PostgreSql databases.

JustDial.com: (July '11 – February '13)

- 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.

Softaculous.com: (September '10 – May '11)

- Worked with Softaculous Ltd from September '10 - May'11 as a PHP programmer, with MySql databases, Apache server, and the Linux kernel, building an auto-installing software for Virtual Machines called Virtualizor.

- Worked on Virtualization Technologies like XEN, KVM, and OpenVZ. XEN, KVM, OpenVZ: Virtualization technologies based on the x86 cpu architectures. Installing, Managing guest operating systems. OpenVZ: Live migration of Virtual Machines.

- Virtualizor (Http://www.virtualizor.com) 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.

Freelance:

- Building Websites on my own since July '08. Worked as Freelancer from Jan 09 to Dec 09, doing projects for RaGaWebGraphics.com.

Personal Projects:

1] Business profile website:

- http://ragawebgraphics.com/

- http://bangaloredentist.co.in/

2] A Software I made:

- 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.

- Github: https://github.com/ashish2/muntoo

3] Just some stuff with Algorithms:

- Some practice 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

4] A Small Basic Q&A software Django:

- Github: https://github.com/ashish2/PySite

- Live version: http://secure-badlands-6298.herokuapp.com

5] Scrapy web crawlers and parsers: Parsing E-Commerce websites like CompuIndia.com, TheMobileStore.in etc.

- Git: https://github.com/ashish2/spidy

6] A jQuery Cookie plugin:

- Git:https://github.com/ashish2/Js-jQuery-plugins/blob/master/hotfire_cookie.js

7] Basic node app: Made for collecting Userdata and fast retrieval from document based DB.

- Git: https://github.com/ashish2/userData

- Live:http://ec2-54-179-162-168.ap-southeast-1.compute.amazonaws.com:3000/

8] 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.

- Github: https://github.com/ashish2/talk

- Live: http://stark-scrubland-3047.herokuapp.com/

9] Simple Voice search: It takes your query as voice input & searches for the query on the internet.

- Technologies: Python/Django, witai, google custom search

- Github: https://github.com/ashish2/djApps/tree/vahan

- Live version: http://mysterious-lowlands-8173.herokuapp.com/vahan/

10] Basic Web Crawler Framework on Python:

- Github: https://github.com/ashish2/arachnid

<u>Interests and Activities</u>:

- Love to interact with people, making friends.

<u>Languages</u>:

- Hindi, English.

<u>Hobbies</u>:

- Listening to music.