Tushar Kant Verma

116/5, Sector - 1,
Pushp Vihar,
New Delhi - 110017.

+91-8802687476

tushar91delete@gmail.com
tushar@tusharkant.com
My-Website: http://tusharkant.com

GitHub:
https://github.com/tkant

Social Networking & Youtube:
https://www.linkedin.com/in/tushar-kant-437a
943a

https://www.facebook.com/tusshar.kant

https://www.youtube.com/channel/UCG1orLH
H-gWXaI4jgMhbCRw
google.com/+TusharKantVerma1991

SUMMARY

Enthusiastic Web/Cloud (DevOps) Development professional with 4+ years (+1 more as part time .Net Trainer) experience. Software Engineer who excels at analyzing, prioritizing and completing tasks in a professional manner. Can code in any language but well versed with PHP. A good debugger who can understand the whole system by just going through lines of code. Had wrote efficient code for managing cloud infrastructure and tons of data (wrote different micro-services which Includes REST API interface and utilizes AMQP for inter server communication, aka acknowledgement based system). Recently wrote a Micro-service in Go-Lang for managing DNS records (A, MX and CNAME) over Route53 (AWS) . It's been over a year now for me working over distributed systems, this field is more exciting and complex than web development.

SKILLS

- **Languages Known** - (OOPS) C/C++, PHP, Python/GoLang/Elixir (Beginner), Bash, JavaScript, HTML/CSS, SASS, ASP.Net, C#.
- **PHP Based CMS/CMF** - Drupal 7.
- **PHP Based Frameworks Known** - CakePHP, Symphony, Rails 4.
- **Other Open Source Technologies** - Redis, Consul, Beanstalkd, RabbitMQ, Docker, ELK, Node.Js, Elasticsearch, Solr Search, Varnish, OpenLDAP, CURL, etc.
- **Development Stacks** - Unix (Mac), Linux (Debian & Ubuntu Flavors) , Apache2/Nginx, MySQL/MariaDB, PHP5, PHP5-FPM, plus other php libraries. XAMPP on Windows (Prefers linux!)
- **Development Tools** - Sublime Text, PhpStorm, PyCharm, PhpMyAdmin/MySQL Workbench, Command line Access (Terminal on linux/Unix & Putty on windows), Drush, Artisan, Cake Bake, Mix, golang-boilerplate (for initial dir structure in GoLang).
- **AWS Related** - ELB, EC2, Cloudfront CDN, S3, Route53, RDS, VPC, IAM (Users and policies management automation).
- Others - **Web *scraping* - using curl**, **Migration** (Done while in Chetu from *Django to Drupal, deployer/debugger of new Kayako platform).*

EXPERIENCE

Platform Engineer, Kayako Pvt Ltd.
Gurgaon, Haryana — May 2015 - Present

Here we (team) had created a whole new micro-service called platform which resides on a server act as master and other slave servers hosts **Cluster** (**Platform** Agent). The communication channel between these master and slave server is **AMQP** (**RabbitMQ**). This whole system is based on Request-Acknowledge fundamentals. Coded in core **PHP** which uses Kayako's **Novo** Framework (Micro-service), it also includes **Python** bins on cluster, GoLang based beanstalkd broker, etc. Recently Created a **GoLang** based micro-service to read/write zones/nodes in Route53. Also modified a GoLang based broker called cmdstalk to enable processing of jobs on beanstalkd queue. Had also created an Elixir based broker to do the same stuff but management prefered the GoLang based one.

More brief details mentioned at:
tusharkant.com/2016/09/huh-platform-engineer.html

Technologies Used:
- Technologies Used: Custom PHP Framework (Novo), RabbitMQ, Beanstalkd, Python bins, GoLang, Redis, RESTful APIs (micro-services) , aws-cli, aws-sdk, Consul (had contributed to sensiolabs git repo), NGINX based load-balancing and hosts configuration automation, Dynect, DNS level round-level load-balancing, Chef etc.

Sr. Software Engineer - PHP, Chetu, Inc.
Noida, U.P — Oct 2013 - Jan 2015

Delivered exceptional service by greeting and serving customers in a timely, friendly manner. Collaborated with other team members on special projects and events.

Accomplishments
- **Wallmonkeys** : Online wall decals store. _Technologies Used_ : **Magento, Solr Search.**
- **KSC-Kreate - RT** : An inventory management application used by "Wallmart". _Technologies Used_ : **CakePHP, ElasticSearch, Node.js, Redis.**
- **KSC-Kreate - CPWM/LTD** : An inventory management application used by "Cost Plus World Market" & "The Limited". _Technologies Used_ : **CakePHP, Elasticsearch, Node.JS, Redis.**
- **Kanakuk Kamps - HT (_kanakuk,com_)** : This whole site is solely developed by me! Current site was on Django so for better management client wanted to revamp the whole site in Drupal 7. Right now working over changes/modifications of the same. _Technologies Used_ : **Drupal 7, Solr Search, Varnish/Boost.**

Consultant - Web Developer (Drupal), The Institute of Mathematical Sciences (IMSc)
Chennai, Tamil Nadu — June 2013 - September 2013

Porting current IMSC website from Drupal 6 to Drupal 7 on Debian 7 (wheezy) environment, using Drupal 7 debian package to make updates more easier..

Accomplishments
- Designing custom Drupal 7 theme using Nucleus as base theme
- Created some custom modules.
- Under development.

Linux Admin & Web Developer, Raman Research Institute
Bangalore, Karnataka — September 2012 - May 2013

Established OpenLDAP authentication system and developed joomla based website, which uses LDAP based user authentication.
Created RRI 's first online PHD application form, launched at the end of every year. This whole process was done manually, till I introduced this concept and taken the confidence of stakeholders for building this brilliant site in Drupal.

Accomplishments
- In Depth knowledge of Linux Environment.
- Have performed configuration, modification, and addition of schema and management of access control list of **LDAP** directory.
- Hands on experience with Joomla over live project (rri.res.in). Ported the static HTML site to **Joomla's** dynamic environment. But its still awaiting some internal approvals to go live!
- Created RRI 's first online PHD application form. _Technologies Used_: **Drupal 7, LAMP stack, Drupal Webform and other related modules, FillPDF**, etc.

.Net Trainer, Computo Educational Services
Bilaspur, Chhattisgarh — July 2011 - July 2012

Worked as a part time ASP .Net, C# .Net and SQL server trainer in Computo Educational Services Pvt Ltd for 1 year.

Accomplishments
- Trained various students the basics to intermediate level of .NET and

its different features.

- Expert in developing windows applications, web applications, windows services and web services in Microsoft Visual Studio .Net IDE using C#.Net, VB.NET,ASP.NET 3.5/4, ADO.NET and SQL Server.
- Worked extensively with Data Adapter, Dataset, Data reader as a part of ADO.NET to access and update database.
- Extensive experience in SQL Server Database design, Database maintenance, developing T-SQL queries, stored procedures, and triggers using SQL Server 2005/2008.

EDUCATION

Dr.C.V.Raman University, Kota, Chhattisgarh
Bachelor of engineering (Computer Science) — 2008 - 2012
Passed with - **80.02%**

Constant **75+** percent scored in every semester.
Topped in 7th semester.
Technical Paper Presentations.
Computer Science Hand Ball Team Captain.

K.V. Pushp Vihar, New Delhi
10th & 12th — 2006 - 2008
Passed with - **69% and 58.5%** respectively

Participated in regional Level Hand Ball competition.

HONORS

1. National level paper presentation, organised by IEEE society, entitled as "Emerging Technologies in E-Governance" - **Author**: Tushar Kant - 2010
2. National level paper presentation on "Solution to Coverage problems of wireless sensor N/W" - **Authors**: Tushar Kant & Omkareshwar Pratap Singh, 2010
3. SQL, PL/SQL, Developer 2000, Certification from SECL, Bilaspur, C.G, India - 2011
4. ASP .Net, C# .Net & SQL Server Certification from Globbussoft Pvt. Ltd . Bhilai, C.G. India - 2010

INTERESTS

Programming, Web Developing, Learning new technologies, Playing Guitar, Listening Psychedelic Rocks.

LANGUAGES "I" SPEAKS

Hindi, English & Chhattisgarhi

REFERENCES
Available upon request.