
OMKAR KAPIL KADAM

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DevOps Engineer @ Cactus Communications

Summary

ETERNALLY INQUISITIVE WITH THIRST FOR KNOWLEDGE. I ASPIRE TO INSPIRE .

LIVING LIFE WITH AN OPTIMISTIC OUTLOOK COUPLED WITH PATIENCE AND PERSEVERANCE.

TECHNOLOGY ENTHUSIAST WITH AN OBJECTIVE TO LEARN ABOUT NEW EMERGING TRENDS IN THE IT INDUSTRY.

I VALUE HUMILITY ,TRUST ,COMPETENCE AND EXPOSURE ABOVE EVERYTHING. LOVE TO READ HARRY POTTER IN SPARE TIME

Work experience

October 2019 - Present DevOps Engineer

Cactus Communications

Working on AWS, assisting in deployments, developed a CI-CD workflow using Jenkins, using Docker, Ansible and other cloud/automation software to solve complex engineering problems.

June 2018 - Hosting Product Specialist

September 2019

Endurance International Group (Formerly known as Directi)

I work on solving server level issues related to hosting, emails, etc. I develop scripts to automate daily tasks. Managing constant uptime of infrastructure services adhering and implementing SLA(service level agreements).

PROJECTS

1. CACTUSGLOBAL.COM & lifesciences branding websites revamp - Oversaw this massive project from technology and hosting standpoint to innovate and reinvent the existing Laravel based Company Website to a WordPress installation.
2. SSL Expiration Checker using AWS Lambda - Cactus manages about 100+ websites. Having reminders for renewing SSL Certificates was a use-case that inspired me to create a Lambda Function which sent us email notifications (warnings/alerts) on 90,60,30 days before websites SSL Certificates were due for expiry. This function is scheduled by CloudWatch Events to execute daily and iterates all the list of sites and checks for their validity.
3. CI-CD pipeline for PHP based project which comprised of stages like PHPCPD, PHPMD, PHPUNIT, PHPCS, JSCPD etc.
4. Consolidation of Servers to save AWS costs
5. Partner Website launches and upgrades without any downtimes
6. SonarQube Installation and project/scanner setup
7. LDAP integrations with Redash, Jenkins, and SonarQube
8. CodeBuild project integration with Jenkins
9. Automatic Deployments using Lambda and SSM
10. Shifting CI from docker and Jenkins to CodeBuild, thereby improving overall build time by 50% (Yes, 50% faster build time)
11. Online Toll payment system (SMART INDIA HACKATHON , 2017) - Swift and agile development of *Online Toll Payment System* under Ministry of Road And National Highways Department.
12. INVESTMENT ANALYSIS USING EVENT DETECTION ON ALTERNATIVE DATA - In this Final Year Engineering Project, the objective was to analyze the impact of news on various Geo-political ,social, financial entities of the world and map it to transitions and speculations of stock price movements ,helping to uncover Cause And Effect Correlation of Events on the financial market and exploring the humongous power of alternative data

13. ONLINE NOTIFICATION BASED SYSTEM FOR VACCINATION SCHEDULING AND REMINDER/ALERTS (SMART INDIA HACKATHON , 2018)-
Worked on developing an android app to create a centralized web platform to solve the problem of FULL IMMUNIZATION by tracking and scheduling vaccination status of children between 0-5 years of age and ensuring the timely receipt of dose along with customized reports and analytics at each level of hierarchy to the government. The app was designed in such a manner that it kept scalability and performance in mind and had some cool features like quick translation at the click of a button

Education

2015 - 2018	BACHELOR OF ENGINEERING (INFORMATION TECHNOLOGY) <i>DON BOSCO INSTITUTE OF TECHNOLOGY (AFFILIATED WITH MUMBAI UNIVERSITY)</i>
2012 - 2015	DIPLOMA IN COMPUTER ENGINEERING <i>VIDYALANKAR POLYTECHNIC (AFFILIATED WITH MSBTE)</i>
2000 - 2012	SECONDARY SCHOOL CERTIFICATE <i>ALL INDIA EDUCATION SOCIETY'S HIGH SCHOOL</i>

PROFICIENCY

LINUX

Extensive usage of Ubuntu , sound knowledge of command line tools and utilities exploring different approaches for robust deployments and ensuring maximum availability and reliability of the systems that I architect and manage.

DATABASES

Worked with databases like Oracle,MySQL,Postgres, MongoDB

CLOUD COMPUTING

Extensive use of various services provided by AWS (Amazon Web Services)
Enthusiastic exploration of EC2 ,CLOUD WATCH, IAM,LAMBDA, S3 and other services

SOFTWARE DEVELOPMENT

Using Kanban model to deliver engineering goals, documenting best practices related to system architecture.
Enabler of Continuous Development and Continuous Integration ,bridging gaps between Development and Operations

PROGRAMMING LANGUAGES KNOWN:

C,C++,JAVA,PYTHON

WEB DEVELOPMENT

LAMP STACK
MEAN STACK
BOOTSTRAP , ANGULAR , REACT , DJANGO, FLASK

PROFESSIONAL INTERESTS

Passionate about Artificial Intelligence ,Data Science ,Devops ,Computer Security

ACCOMPLISHMENTS:

1. SPOTLIGHT AND RECOGNITION AT CACTUS: Received several spotlight awards for my contributions towards Laravel Upgrade, Editage China Migration etc.
1. WON INNOVEX 2018: college's final year project exhibition for the project titled "INVESTMENT ANALYSIS USING EVENT DETECTION ON ALTERNATIVE DATA"
2. SECURED 4TH PLACE IN SMART INDIA HACKATHON 2018 , won *Persistent Systems* award and cash prize of INR 10,000 for the project titled "FULL IMMUNIZATION"