

Ankit Sharma

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Summary

DevOps professional having more than 7 years of experience on IT Infrastructure and databases. Has around 3.5 years of experience with Cloud based Infrastructure (AWS). Has hands-on experience with database administration (Oracle / MySQL / MongoDB). Hands-on in building backend system from scratch. A complex mix of dba, sys-admin and developer. Loves to build and implement customized solutions in the stack.

Skills

- **Programming:** SQL, PL/SQL, Shell Scripting, PHP, Python(Beginner)
- **Databases:** MongoDB, MySQL, Neo4j , Oracle 9i/10g/11g , Aerospike
- **Other Components:** Apache Httpd, ActiveMQ, Apache Kafka
- **Automation:** Jenkins
- **Cloud Platforms:** Amazon , Digital Ocean
- **Code Versioning :** Git , Subversion
- **AWS Services:** EC2, EBS, ELB, Kinesis, SQS, Redshift, S3, EFS, RDS (MySQL), VPC, Route53

Education

- Bachelor of Technology , Computer Science and Engineering , 2010
Complete details provided on request.

Experience

- **Affle India Pvt. Ltd., Associate Manager**
Gurgaon, Haryana, India

June 2015 - Present

- Leading overall Infrastructure and Backend engineering team at Affle.
- Implement dev-ops practices within the team.
- Learn-test-implement new technology and implement it into the existing stack/services.
 1. Implemented AWS autoscaling to achieve approx. 2.5K TPS across all services.
 2. Made the application more scalable by implementing queuing mechanism (Amazon SQS) to reduce real time load.
 3. Implemented real time analytics using MongoDB and Amazon SQS.
 4. Helped in setting up best practices, application level monitoring and securing the overall product.
 5. Setup Jenkins for automated code deployments.
 6. Automated various components on the backend system to upscale/downscale as per the load.

7. Automated entire monitoring of logs (application, web servers and databases) , instances , databases and domains using shell scripts.
8. Automated auto-scaling of servers with floating IP for sending data to third party servers.
9. Cost optimization of AWS cloud.

➤ **Clairvoyant Mobile Solutions, Senior Associate**
New Delhi, India

April 2014 – May 2015

- Database architect and backend engineering lead at Clairvoyant.
 - Setting up best practices and processes for technology team.
 - Preach dev-ops practises within the team.
1. Built the database architecture for a mobile social media product utilizing graph database(Neo4j) and MySQL.
 2. Built JSON based RESTful micro-services to be used with mobile applications utilizing PHP stack.
 3. Migrated the entire infrastructure from CtrlS VPS to DigitalOcean cloud.
 4. Also built a Data Management Platform for sending push notification to mobile devices.

➤ **Cognizant Technology Solutions, Sr. Systems Executive**
Pune, Maharashtra, India

March 2011 - March 2014

- Oracle database administrator (L1, L2, L3).
 - Administering and managing Oracle / MySQL database environments for UK and US based clients.
 - Providing on-call and weekend support for large deployments, upgrades and urgent issues.
 - Performing backup and recovery as and when required.
 - Performing database refreshes, SQL and memory performance tuning along with assisting development team in formulating database policies.
 - Calculating database sizing requirements and predicting database usage requirements.
1. SME for Oracle based applications.
 2. Was initially hired for Oracle databases but later also started administering MySQL.
 3. Built a customized LAMP based tool for predicting database size requirements for Oracle, MySQL, Informix, Netezza databases.
 4. Expertise in executing Change Requests (CR) for databases.
 5. Automated monitoring of regional servers using shell scripts.

➤ **9.9 Media, Software Engineer**
Noida, Uttar Pradesh, India

June 2010 – March 2011

- Software developer fresh out of college initially hired for fixing bugs on [digit](#) portal.
1. Migrated from a legacy D2K / Oracle system to a web based solution on MySQL independently.
 2. Setup Subversion and then trained the team to use it.
 3. Optimized and tuned MySQL server installations for ERP solutions and web sites.
 4. Migrated web portals from dedicated server hosts to Amazon cloud.
 5. Implemented Nagios for cloud and in-house servers.
 6. Customized [SugarCRM](#) for in-house use and then optimised SQL queries for use case of organisation.