

SHAILENDRA DUBEY

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Summary

I am a DevOps Full Stack Engineer with a vast array of knowledge in many different front end and back end languages like Angular, Node JS, Mobile Apps, Typescript, Python, PHP with best code practices. My objective is simply to be the best developer that I can be and to contribute to the technology industry all that I know and can do.

In DevOps I've expertise in technologies and tools like AWS, Docker, Kubernties, Jenkins, Ansible, Terraform, and Shellsript.

Career Objective

Team player software engineer with good ability of troubleshooting, phenomenal time management skills, and a strong user focus. Has developed several web and mobile apps, Cloud infrastructure migration from on premises to Cloud.

DevOps Experience

- Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including **VPC, ELB, EC2, RDS, S3, Route53, SNS, CloudFront, CloudWatch** and **IAM**.
- Experienced in **migrating servers** from on premise **Data Center to Amazon Web Services cloud**
- Experienced in creating various dashboards, metrics, alarms and notifications for servers using **AWS Cloud Watch**.
- Hands-on experience in IAC using Hashicorp Terraform.
- Modern Infrastructure Automation using Hashicorp Packer.
- Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS.
- Hands-on experience with databases (MySQL, ElasticSearch) creating users, performing dump/restore and taking automated snapshots.

- Experience working with version control systems like Subversion, GIT and used Source code management tools **GitHub, GitLab, Bitbucket** including command line applications.
- Implemented a CI/CD pipeline involving BitBucket, Jenkins, Ansible and Docker for complete automation from commit to deployment.
- Experienced in Bug/Issue tracking tool like **JIRA**.
- Knowledge of Software Development Life Cycle Methodologies Waterfall, and **Agile**.
- Experienced in multi platforms like UNIX, Ubuntu, RHEL and Windows Family supporting production, test, and development environments.
- Strong work ethic with good Interpersonal and Organizational skills.
- Ability to work under minimal supervision and guidance

Key Skills

- **DevOps Tools:** Jenkins, Docker, Kubernetes, Terraform, Packers, Ansible
- **Source Control Management Tools:** Gitlab, GitHub, Bitbucket.
- **Bug Tracking Tools:** Jira.
- **Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP).
- **Monitoring Tools:** AWS Cloud watch, Nagios, Grafana, Kibana.
- **Collaboration Tools:** Confluence, Slack, Hangouts, Skype.
- **Web Frontend :** Angular, Typescript, ECMAScript, Javascript.
- **Languages:** NodeJs, Python, PHP
- **Database Technologies:** Mongo DB, MYSQL, SQLite, Elastic Search, Redis
- **Mobile App:** Hybrid mobile app framework IONIC 4
- **IOT:** Raspberry pi 3, Arduino Uno for IOT System
- **SDLC:** Agile, Waterfall.
- **Operating Systems:** Linux, RHEL, Ubuntu, Windows Family

Academics

- High School in 2003
- Intermediate in 2005
- BCA From CTU in 2012
- MCA from IGNOU

Employment History

- October 2019 – Present: Sr Software Engineer at **Digivive Services Pvt Ltd.**

Responsibilities:

- Managing all DevOps work like Dockerise the application and auto deployment application on host providers (AWS, Digital Ocean).
- Web Development in Angular
- Mobile App development using IONIC 4 and SQLite
- Contributed to the overall development of the web and Mobile development team with DevOps Work.

- August 2018 – October 2019: Sr Software Engineer at **Data & Analytics Services.**

Responsibilities:

- Managing all DevOps work like Dockerise the application and auto deployment application using CI/CD pipeline on Clouds (AWS, GCP).
- Providing python based scripts that acquire based from machine
- Mobile App development using IONIC 4 and SQLite
- Development of web and mobile apps using Angular and hybrid .
- Contributed to the overall development of the web and Mobile development team.

- May 2014 – August 2018 : Sr Software Engineer at **LogicQuad Technologies**.

Responsibilities:

- Managing, maintaining, developing and deploying applications and databases in response to business needs.
- Providing python based scripts that acquire based from machine
- Mobile App development using IONIC 2 and SQLite
- Providing backend services using node.js, mongo dB and MySQL.

- June 2012 – April 2014: Software Engineer at **BTPL Tech**

Responsibilities:

- Managing, developing and deploying applications and databases in response to business needs.
- Providing backend services using Node.js, Mongo dB and MySQL.
- Develop that WordPress and Joomla based application.
- Development of web apps using html 5, JavaScript/jQuery, jQuery Mobile

- Jan 2012 – June 2012 : Software Engineer at **Sam Infratech private limited**

Responsibilities:

- Developing maintaining PHP and WordPress based new and existing applications.
- Developing and maintaining news and existing backend services for client server communication.
- Developing the HTML based web pages.

Key Projects

Project #1

Title	: ETL
Client	: Data analytics & Services.
Company	: Data analytics & Services.
Role	: Software Engineer.
Technologies	: Python, Jsplumb, jQuery
Duration	: 3 Months

Description: Extract, transform and load (ETL) is a process in database usage and especially in data warehousing that involves: * Extracting data from outside sources * Transforming it to fit operational needs (which can include quality levels) * Loading it into the end target (database or data warehouse). Basically in this project we design web based tool that help to make an design (flow chart) for incoming data sources and their data processing and operation that we required in ETL Job.

Project #2

Title	: Web based DevOps Tool
Client	: Data analytics & Services
Company	: Data analytics & Services
Role	: Team Lead
Technologies	: Angular 5, Node js, Docker Machine, Shell Script, Jenkins, Swarm,AWS, ECR

Description: It's Web based orchestration for DevOps Engineer that provide feature like deployment any codebase from docker or ECS registry to any server like AWS, GCP, Digital Ocean and also provide feature like instance health monitoring and logs system, auto scaling and memory management.

Project #3

Title	: EZ Toll
Client	: Data analytics & Services.
Company	: Data analytics & Services.
Role	: Team Lead.
Technologies	: Angular 5, Node js, Mongo dB, Ardunio Uno
Modules:	: Admin and Driver App, Admin and Toll dashboard
Duration	: 3 Months

Description: As the name suggests, “Smart Highway Toll Collection System” is an automatic system which leverages the “Internet of Things” technology to identify a vehicle via a unique identification tag. We have used RFID tag in this case. When a vehicle passes through a toll booth, this RFID card is used to track & bill the vehicle owner through a payment gateway.

Project #4

Title	: EV Battery Management and data acquisition system
Client	: Acme Group.
Company	: LogicQuad Technologies
Role	: Team Lead.
Technologies	: Angular 5, Node js, Mongo dB, Python for battery data socket, Raspberry Pi3
Modules:	: Customer Mobile App, Station & customer dashboard, admin dashboard
Duration	: 6 Months

Description: The main focus of this project is build charging station for Electronic vehicle. Under this project first main area is Mobile App for EV (Electronic vehicle) Users to monitor existing battery health and state of charging, temperature, current and voltage, second area is Charging station dashboard where battery is come for charging and swap other full charge battery, and third area is Admin dashboard to manage domain of this project.

For data acquisition system I use Raspberry Pi3 with python 3.2 in batteries as IOT card for getting sensors data and charging station for how many batteries are present for charging and other more data analytics purpose.

Project #5

Title : JCB health monitoring system.
Client : JCB india.
Company : LogicQuad Technologies
Role : Team Lead.
Technologies : Angular 5, Node js, Mongodb, IONIC2, Python for IOT card with Raspberry Pi3.
Modules : Customer Dashboard, admin dashboard
Duration : 3 Months

Description: The main focus of this project is monitoring the health of JCB, for that I use Raspberry as IOT card inside the JCB this IOT card is attached with sensors used in JCB, these sensor throwing data and iot card read that values are send to Server real time using python socket Client and at server data is listen and throws to Client web users, In web dashboard customer can monitor all those value in proper graph and charts tabular format.

Project #6

Title : Bridegahaul .
Client : Bridegahaul.
Company : LogicQuad Technologies
Domain : www.bridgehaul.com
Role : Team Lead.
Technologies : Angular 2, Node js, Mongodb, Python for IOT card with Raspberry Pi3.
Modules : Mobile app, shippers dashboard. Shipper dashboard, Market place to find load.
Duration : 8 Months

Description: It's a Logistics application, to solve the problem of our Logistics related issue. In this app have three main module first module is Driver own open mobile app and dashboard board. To monitor the vehicle HOS (Hours of Service) and DVIR (Driver Vehicle Inspection Report), market place for load. Second module is shippers and third is carrier's module.

Project#7

Title : TriviaStars.
Client : LogicQuad.
Company : LogicQuad Technologies
Domain : <https://play.google.com/store/apps/details?id=com.cricket.triviastars&hl=en>
Role : API's and Frontend Developer.
Technologies : Angular 1.5, Node js, MongoDB, Redis, socket programming.
Modules: : Mobile App
Duration : 4 Months

Description: TriviaStars is amazing cricket trivia game, where users can test your cricket smart knowledge, play with friends live trivia games and win amazing prizes!

Project #8

Title : India Picture.
Client : India Picture.
Company : BTPL Tech
Domain : www.indiapicture.in
Role : Developer.
Technologies : PHP 5.3, Node js, Mysql, HTML, Apache Solr Client for Image Search.
Modules: : Image Portal , Customer Dashboard.
Duration : 6 Months

Description: The main purpose of this application is to provide a place where user can find high resolution images with rights of publish. This is billions of images stock that can be easily find by Hadoop and apache solr client technologies.

Personal Details

Date of Birth : 20 July, 1989

Gender : Male

Marital Status : Single

Interest : Sports, Movies, Swimming

Languages : English, Hindi

Nationality : Indian

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge

Place: Sector 23,Gurgram

(Shailendra Dubey)