

**Nitesh Mishra<sup>1</sup>**  
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## Experience:

### **Technology Lead ([Hashtag Loyalty](#))**

**Oct 2015 - Present**

- Lead the team of 7-8 engineers(frontend, backend , data science) for product development.
- Developed majority of [api's for merchant dashboard](#) including campaigns, automated campaigns, referrals, user and business analytics, weekly and monthly report generation, automated invoicing using citrus payment gateway and all the mobile app api's.
- Designed [URL Shortener](#) for short links.
- Scaled systems to handle 800+ request/sec with minimal infrastructure.
- Designed a [read heavy](#) application. Implemented different kinds of filters, charts, metrics etc on millions of records [with a response time of 100ms](#).
- Implemented centralized [monitoring](#) for the infrastructure using [Netdata](#).
- Developed [features for admin panel](#) like user management, merchant management, user's and merchant's reports with different types of graphs and metrics.
- [Optimized response time](#) of apis by 70% by introducing a caching layer, leading to 20% [server load reduction](#).
- Operated, administered and configured multi cloud infrastructure on AWS, DO and GCP including security load balancing, autoscaling, deployment, monitoring.
- Configured Sentry for [error tracking](#) and ELK for [log management](#).
- Automated some tasks to save hours of BD/Sales team work per week.

### **Developer and System Administrator (IIPS-DAVV University)**

**July 2014 - Aug 2015**

- Worked on desktop and web based projects and maintained cloud infrastructure

## Skills:

Ruby, Rails, Javascript, AngularJS, Mysql, MongoDB, Redis, Git, AWS, Digital Ocean, GCP, Vagrant, Monitoring tools(Sensu, Netdata), Continuous Integration(jenkins), Capistrano, Sentry, Nginx, Passenger

## Projects:

- **DbbackupS3** Published a gem to take the backup of MYSQL database and save it to AWS S3
- **RTLM** Made an application to monitor the log in real time on the browser
- **Institute Website** Official website of the institute (IIPS-DAVV University)

## Online Courses Completed:

- **Machine Learning ([Coursera](#))** 95%
- **Web Application Architecture ([Coursera](#))** 95.30%
- **Introduction to database ([Stanford](#))** Completed

## Education:

- **Master of Computer Application** **CGPA:** 8.6/10  
International Institute of Professional Studies, Devi Ahilya University July 2012- May 2015

## Publications:

- **DC model for quality improvement in technical education- (IEEE):** A POC for a mutual learning model among peers. (<http://goo.gl/zy0Ete>)

**Web Profile:** [Website](#), [Linkedin](#), [Github](#), [Blog](#)