

# Udit Pathak

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## DevOps Engineer

*DevOps Engineer and Web Application developer with a piqued interest in Data Sciences/Machine Learning. Looking for a change of pace and technology. 5.5 years Release Management experience.*

## Tools and Technology

**Languages & Frameworks:** Python3.7, Java8, Shell Script, Batch Script

**Tool:** Jenkins, Git, Subversion, Docker, Apache Tomcat, Ansible, Terraform, Kubernetes, Azure DevOps.

## Skills

- CI/CD Automation • Project Management • Process Improvement • Cross-functional Coordination • Process Automation • Leadership & Training • Software Development • Data Visualization • Web Development • Predictive Modelling & Analytics

## Hands-on experience

- Setup a complete CI/CD pipeline which includes
  - GitHub/GitLab/SVN versioning
  - Jenkins jobs with SonarQube Analysis with quality gate checks
  - With custom email notification to stakeholders from Jenkins and SonarQube email notifications in case of improvement or degraded builds
  - Using Ansible for keeping multiple environments in synced configuration.
  - The java web app archive deployment majorly on Apache Tomcat and some experience with IBM WAS and JBoss firefly
  - HTTP servers include apache HTTP/ Nginx and IHS7 servers
  - Currently working towards AZ-104 and AZ-400 certification from Azure.
- Development
  - Scripting using shell/python/groovy/batch
  - Custom reports tools for business teams to pull data from databases
  - Python Data Science libraries for developing ML models for data cleaning, processing and predicting.
  - Python APIs to fetch data for reporting purposes from Jenkins.

## PROFESSIONAL EXPERIENCE

### Senior Build Release Engineer

Denave India Private Limited

Dec '19 - Present

Noida, IN

#### Responsibilities

- GitLab in-house server setup for versioning code and Issue tracking and management.
- Python API deployment using Docker container through Jenkins.
- Jenkins and GitLab-runners with GitLab-ci for CI/CD pipelines.
- Azure DevOps CI/CD pipeline implementation.
- SonarQube for code quality check and reporting.

- Automation of complete build and release lifecycle to reduce time to app deployment.
- Automated Android app APK build and deployment to Google Play store.
- Tomcat setup for JNDI data sources for separation of concerns of app and DB.

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### Software Engineer (Build and Release)

Apr '18 – Dec '19

Vcare Corporation

Noida, IN

#### Responsibilities

- Subversion server setup. Automation scripting for project integration and deployment from development environment to production.
- Secondary Linux administration. User creation and management.
- Setting up and hosting of newly acquired projects and their deployment maintenance.
- Assisted in code migration of Online Charging System from PHP to Python.

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### Technical Consultant

Aug '17 – Apr '18

PIT Ventures Private Limited

Lucknow, IN

#### Responsibilities

- Implemented and restructured WordPress theme-based websites.
- Created digital marketing content including YouTube videos, promotional content for Facebook and Twitter. Facebook, Google and Twitter Advertising.
- Managed VPS of 3 different news and media websites (indianletter.com, jioraja.com, hindnews24x7.com).
- Set-up live feeding of articles to different content curation platforms (UCNews, Facebook IA, NewsHunt).

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### System Engineer

Jul '15 – July '17

Tata Consultancy Services Limited

Noida, IN

#### Responsibilities

- Primary Admin for the build, release & deployment team at Passport Seva Project.
- Primary SVN admin. Primary Release Manager. Primary Admin for the internal ticket management tool, also maintained its database (MySQL).
- Designed and managed CI/CD scripts for development environments.
- Created & designed JAVA based Reports Generation Tool for the project's Biz Team.
- Created interactive dashboards for different collaborating teams to report on bug fixes and local builds by environment.
- Conducted monthly BCP drills, scripted most of the tasks to achieve automation.
- Automated various processes of different tools for the build, release and deployment activity.
- Managed the Project live events for major/minor releases.

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## EDUCATION

- Pursuing **Masters in Business Administration** | IIM Lucknow (NC) | May '20 – Apr '22 | Noida, IN
  - **Post Graduate Diploma in Data Science** | IIIT Bangalore & upGrad | Mar '19 – April '20 | Noida, IN
  - **B. Tech – Electronics & Communication Engineering** | Birla Institute of Applied Sciences | Bhimtal, IN | Jun '11 – May '15
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