**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+ years Release Management experience.*

**Tools and Technology**

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

**Tool:** Jenkins, Git, Subversion, Docker, Apache Tomcat, Apache HTTP, IBM WAS, LAMP stack, 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
  + Writing Groovy/Python/Shell/Batch scripts to create different reports and trigger email for each such report on a weekly/fortnightly /monthly basis.
  + 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** Dec ’19 - Present

**Denave India Private Limited** 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.

**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.

**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).

**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.

**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