

# Udit Pathak

pathak.udit816@gmail.com | +91 75790 90630 | Noida, IN | [LinkedIn](#) | DevOps Engineer at Denave India Private Limited

## Senior Build and Release Engineer

*DevOps Engineer and Web Application developer with a piqued interest in Data Sciences/Machine Learning. Looking for a change of pace and technology. Completed Post Graduate Diploma in Data Sciences from IIIT Bangalore. Pursuing MBA from IIM Lucknow.*

## TECHNICAL SKILLS

**Languages & Frameworks:** Python3.7, Java8, JavaScript (ES2016), HTML5/CSS3, Shell Script, SQL (MySQL5.6), Apache Spark, Wordpress.

**Tool:** MS Excel, Docker, Apache Tomcat, Apache HTTP, IBM WAS, Jenkins, Git, Subversion, LAMP stack, Azure Devops, AWS EBS, AWS EC2.

**Python libs:** Scikit-Learn, NumPy, SciPy, Matplotlib, Pandas, Seaborn

**Statistics/ML:** Linear/Logistic Regression, Time-series, Classification, Decision Trees, Random Forest

## KEY SKILLS

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

## 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

## KEY DATA SCIENCE PROJECTS & CASE STUDIES

**Domain: Electronics** | Tech Stack: Python, Jupyter Notebook | Feb '20

- **Objective:** To create an NN model to recognize hand gestures and perform related tasks.
- **Solution:** Designed a **3DConv NN** to predict the gestures correctly.
- **Key Achievement:** Achieved a **categorical accuracy of 77%**.

**Domain: Finance** | Tech Stack: Python, Jupyter Notebook | Apr '20

- **Objective:** Build an ML model to actively detect fraudulent credit card transactions
- **Solution:** Designed **logistic regression, random forest and K-means clustering models** and compared for best results. Random forest showed better results.
- **Key Achievement:** **AUC Score of 0.90.**

**Domain: Telecommunication** | Tech Stack: Python, Jupyter Notebook | Nov '19

- **Objective:** Predicting whether a high-value customer will churn and identify strong predictor variables.
- **Solution:** Used **PCA** for dimensionality reduction and **Random Forest** for modelling.
- **Key Achievement:** **AUC score of 0.82.**

**Domain: Sales** | Tech Stack: Python, Jupyter Notebook | Aug '19

- **Objective:** To identify most potential leads so that they can be pursued for conversion.
- **Solution:** Designed **logistic classification model using RFE** to predict most potential leads.
- **Key Achievement:** An overall **Accuracy of 0.87**

## 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.
  - AzureDevops 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.