**Udit Pathak**

**Summary**

A DevOps Engineer with a total of little over 6 years of experience in defining, creating and maintaining end to end CI/CD pipelines, process automation, and build & release management. I have worked as a web application developer, created business specific report generation tools for management teams, and worked with databases as and when required. I also have a good understanding of how cloud services such as those of Azure and AWS work and have a particular interest in gaining more insight into it.

I consider myself an ML enthusiast for which I have worked on various projects on different ML algorithms over a period of 1 year in my PGD in Data Science.

To achieve a more wholesome understanding of how businesses actually work I am pursuing an exhaustive two-year executive MBA with IIM Lucknow with a personal interest in Strategy and Finance areas of business.

I have majorly been responsible for Release management processes, application uptimes, server level issues resolution and RCAs. My work has mostly been independent of any domain level knowledge as DevOps and IT is a base requirement of businesses across markets independent of the code logic being developed for apps.

**Business Skills**

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| **• Standards** |  |
| **Workflows** |  |

**Technical Skills**

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| **• Environments** | Windows, Linux, Hybrid cloud servers |
| **Languages** | Java, Python, Scripting (Bash/Groovy/PowerShell) |
| **Microsoft Technologies** | GitHub, Azure cloud, Excel, PowerPoint |
| **Database** | MySQL, MSSQL |
| **Servers** | Apache HTTP, IBM WAS, Apache Tomcat, Nginx |
| **Development Tools** | Visual Studio Code, Jupyter Notebook |
| **Management Tools** | Apache SVN, GitLab, Jenkins, SonarQube |
| **Domains** | Telecom, Sales Consulting, E-Governance |

**Professional Experience**

***CitiusTech Healthcare Private Limited Duration: Apr 2018 – Dec 2019***

A through and through healthcare IT services-based company providing solutions and consulting in digital transformation, data sciences and analytics as a service.

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| **Project** | **MLOps Implementation (Cloud/On-prem), MLOps Assessment (Med Devices, Regulatory Ops) Duration: Sep 2021 – Present** | |
| **Summary** | Capturing client requirements and creating solutions to be proposed through sales calls and project kick-offs. Designing cloud and on-prem architectures for ModelOps across the data science life cycle with development, deployment and monitoring frameworks. |
| **Main Technologies** | Model Development and Deployment Framework using GCP Vertex AI, AWS SageMaker Studio, Azure ML Studio.  Python, SQL, Jenkins, SonarQube, Apache Tomcat, PowerShell, bash, Windows, Linux, Docker |
| **Responsibilities** | * Engage with customers and conduct kick-offs to give the client a perspective around the professional services scope, approach, and next steps * Work with customer to capture and consolidate their high priority as well as long term use cases, to be able to build a long-term roadmap * Support internal technical consultants, client's developers and third parties throughout the implementation process from a business perspective * Identify customer pain points and ideate with them for improving the offering's adoption across different projects * Work to educate clients on the best practices in relation to their specific industry and key business requirements * Manage multiple client engagements / portfolio of engagements simultaneously * Actively help in the recruitment process to fulfil client requisitions by participating in resume shortlisting and interviewing the candidates and training teams to do the same effectively * Devise training plans after studying the requisition trends for the previous quarter to ready resources as and when the clients are onboarded * Research on designing and then documenting solutions for on-cloud and on-premises requirements for multiple client | |

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| ***Denave India Pvt. Ltd. Duration: Dec 2019 – Sep 2021*** Denave India is an end -to-end sales enablement service provider with a multi-product basket to help clients boost their sales across geographies. | | | |
| **Project** | **CRM App, Sales process automation and UDB services, Duration: Dec 2019 – Sep 2021** | | |
| **Summary** | Providing Intelligent services with virtual retail solution and retail analytics clubbing it with Sales process automation. |
| **Main Technologies** | Java, Python, SQL Server, Jenkins, SonarQube, Apache Tomcat, Azure cloud (Hybrid cloud infra), PowerShell, bash, Windows, Linux, Docker |
| **Responsibilities** | * Defined and developed complete in-house CI/CD pipeline with GitLab code versioning and issue tracking * Automated build processes for Java applications and Mobile builds with integrated automated testing * Automated Python API deployment using Docker containers for resource management and consistency across environment * Integrated SonarQube for code quality checks and reporting to concerned people | | |
| ***VCare Corporation Duration: Apr 2018 – Dec 2019***  A Telecom billing and OSS Solutions provider in the US and European region and a leading business process outsourcing services provider. | | |
| **Project** | **OCS systems, New Telecom integrations, WordPress Duration: Apr 2018 – Dec 2019** | |
| **Summary** | Migrate from old to new tech. Manage OCS uptime and integrate new telecom providers in the API ecosystem | |
| **Main Technologies** | Linux, Apache HTTP, PHP, MySQL (LAMP Stack), Java, Python, Subversion, AWS cloud services, WordPress, Docker | |
| **Responsibilities** | * Subversion server setup and migration to Git server * Automation Scripting for project integration and deployment from development to production environment * Assisted in code migration of the Online Charging System from PHP to Python * Setting up and hosting newly acquired projects and their deployment maintenance | |
| ***PIT Ventures Pvt. Ltd. Duration: Aug 2017 – Mar 2018***  A small firm catering to the boom in news websites and digital marketing | | |
| **Project** | **Local business News websites, digital marketing Duration: Aug 2017 – Mar 2018** | |
| **Summary** | Setting up new websites and managing server and multi-aggregator-platform integration for all news websites. | |
| **Main Technologies** | Linux, Apache HTTP, PHP, MySQL (LAMP Stack), Shared cloud VPS, WordPress, Bash scripting | |
| **Responsibilities** | * Developed WordPress based news/brand websites for local clients * Provided managed server service for website uptime * Consulted on Digital marketing projects * Managed SEO and SEM optimization across projects | |
| ***Tata Consultancy Services Duration: Jul 2015 – Jul 2017***  A global leader in IT Services, consulting and business solution design and implementation. | | |
| **Project** | **Passport Seva Project Duration: Jul 2015 – Jul 2017** | |
| **Summary** | PSP is a public-private partnership model to simplify the process of issuing Passports in India and Passport Missions across the globe. | |
| **Main Technologies** | Linux, IBM WAS, IHS7, JBoss Firefly, Java, Spring, Struts, Jenkins, SVN, SonarQube, Bash Scripting, AngularJS, Android and IOS apps | |
| **Responsibilities** | * Admin for the Build, Release and Deployment * SVN admin. Release manager. Primary admin for Internal ticket management system   and also maintained its database   * Designed and managed CI/CD scripts for development and test environment * Designed and created report generation tool for Business Teams * Conducted monthly BCP drills, automated most of the drill via scripting * Managed project Go-Live events for all releases | |

**Educational Background**

* Master in Business Administration | IIM Lucknow | May ’20 – May ’22 | Noida, IN
* B. Tech – Electronics & Communication Engineering | Birla Institute of Applied Sciences | Bhimtal, IN | Jun ’11 – May ‘15

**Certifications**

* Post Graduate Diploma in Data Science | IIIT Bangalore | Mar ’19 – April ’20 | Noida, IN