

Rajesh KumarYadav

Assistant Professor

M. Tech., IIT (ISM) Dhanbad

(Computer Science& Engineering)

SUMMARY:

- ☑ Over 7+ years of industrial experience of product development and deployment over AWS, having good understanding of git, CI/CD pipeline, Kubernetes, docker, Prometheus, Grafana and J-meter. Also having Extensive experience in hand coding interface using HTML, CSS, and Scripting languages like JavaScript, having better understanding of ETL, MS-SQL query, DBMS(SQL) concepts and DML concepts.
- ☑ Involved in creating services like proxy and business service and import the same to the different environment.
- ☑ Experience in using version controller tools like Subversion (**SVN**), **GIT**.
- ☑ Extensively worked on **Jenkins** and Team City for continuous integration and for End-to-End automation for all build and deployments.
- ☑ Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, and Testing, and Implementing, Post-production analysis of the projects.
- ☑ Excellent knowledge on JavaScript and also the ability of developing XML, HTML, **Shell** Scripts and Perl Scripts.
- ☑ Efficient in working closely with core product teams to ensure high quality and timely delivery of builds.
- ☑ Excellent experience in documenting and automating the build and release process.
- ☑ Ability in managing all aspects of the software configuration management process including code compilation, packaging/deployment/release methodology & application configurations.
- ☑ Expertise in troubleshooting the problems generated while building, deploying and also in production support
- ☑ Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.

TECHNICAL SKILLS:

Languages:	JavaScript (React Js), Php (Laravel), Python
Operating Systems:	Windows, UNIX (SUN Solaris, Linux, HP-UX, IBM AIX)
Databases:	MS SQL Server, My SQL, MongoDB
Containerization	Docker
Orchestration Tool	Kubernetes
Cloud Environment	AWS Services
Monitoring Tool	Cloud watch, Grafana, Prometheus
CI Tools	Jenkins, GitLab
Scripting	Shell, Maven, Yaml

PROFESSIONAL EXPERIENCE:

Swarnnim Startup & Innovation University, Gandhinagar.

Jan'2025 - Present

Role: Assistant Professor

Responsibilities

- ☑ Delivering lectures, guiding students.
- ☑ Mentored students for research and projects.
- ☑ Develop course materials and update curricula based on industry advancements.
- ☑ Delivered expert lectures on DevOps area.

Subject Assign: Linux OS, AWS Services, Cloud Computing

iNurture Education Solutions Private Limited, Bengaluru.
(Quantum University, Roorkee)
Role: Assistant Professor
Responsibilities

Feb'2024 – Jan'2025

- ☑ Successfully **coordinated internships** for over 20 students, managing communication between students, companies, and academic advisors.
- ☑ Delivering lectures, guiding students.
- ☑ Developing new ideas, advancing technology.
- ☑ Advising students, guiding projects.
- ☑ Designing courses, updating content.

Subject Assign: DevOps Overview, Linux OS, AWS Services, Web Programming.

GroBharat Transformations Pvt. Ltd, Lucknow.
Role: Software Engineer

April'2021 – Jan'2024

Project Name: Investor Portal UP Tourism, Artificial Limb Centre Management Framework
Responsibilities:

- ☑ Setting up, configuring, and maintaining computer systems, servers, and network infrastructure.
- ☑ Managing user accounts, permissions, and access controls.
- ☑ Developing and maintaining websites, mobile apps, and other software platforms.
- ☑ Troubleshooting and debugging software issues.
- ☑ Designing, building, and maintaining databases to store and manage organizational data
- ☑ Ensuring data integrity, availability, and security
- ☑ Staying updated with the latest technological trends and advancements.
- ☑ Extracting insights from data by analyzing trends, patterns, and metrics
- ☑ Deploying and scaling applications in cloud environments.

Environment: PHP, Linux Server, JavaScript, jQuery, MySQL, Postgres, HTML5, CSS3, MVC Framework,

Science Centre Coaching, Lucknow.
Role: Software Engineer

July'2018 – March '2021

Responsibilities:

- ☑ Expertise in designing of the lessons and the content material for the ready reference of the students.
- ☑ Outstanding classroom management skills.
- ☑ Knowledge of online learning platforms and how they assist students with learning outside of the classroom.
- ☑ Developing lesson plans aligned with the state's education standards.
- ☑ Communicating with the parent and student to set up the best way to help them
- ☑ Summarizing their work with students by evaluating areas of strengths and weaknesses
- ☑ Plan and design the structure and design of web pages.

Techinfo Solutions Pvt. Ltd, Lucknow.
Role: Associate Software Engineer

July'2014 - April'2016

Responsibilities:

- ☑ Developed build and deployment processes for Pre-production environments.
- ☑ Developed reusable code for future use.
- ☑ Plan and design the structure and design of web pages.

- ☑ Supervise the production and maintenance of the user interfaces of websites and web applications.
- ☑ Designed and implemented the entire database schema for the project in MySQL
- ☑ Built websites with HTML and CSS
- ☑ Daily maintenance of code, debugging issues and solving clients' problems
- ☑ Communicating technical issues in an understandable manner to the team and clients.

Environment: PHP, Linux Server, JavaScript, jQuery, MySQL, Postgres, HTML5, CSS3, MVC Framework

CERTIFICATION:

- Ethical use of Generative AI in Research organized by Swarnim Startup University.
- Complete Linux Training Course to Get Your Dream IT Job 2022.
- DevOps Beginners to Advance with Projects.
- Docker & Kubernetes: The Practical Guide [2023 Edition]

EDUCATION:

- **MTech.** (Computer Science and Engineering) **2016-2018**
IIT(ISM) Dhanbad
- **B.Tech.** (Computer Science and Engineering) **2010-2014**
GKV(FET)University Haridwar