

ROHIT VISHWAKARMA

RANCHI, JHARKHAND

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Relevant Coursework

- Cloud Computing
- Web Development
- DevOps Technology
- AI Tools and Technology
- Software Engineering
- Operating Systems

Technical Skills

Programming Languages :-	JavaScript ES6	Python	Node.js	
Web Technologies :-	HTML5	CSS3	RESTful API	
Frontend Frameworks /Libraries :-	React	Bootstrap	Tailwind CSS	
Databases :-	MongoDB	MySQL	PostgreSQL	
Operating System :-	CentOS	Ubuntu	Windows	
Version Control :-	Git & GitHub			
AI Tools & Technology	ChatGPT	Gemini		
Cloud Computing	Amazon EC2	Amazon S3	Amazon IAM	Amazon RDS
DevOps Tools & Technologies	Docker	Ansible	Kubernetes	Bash Script
	Terraform	Jenkins	Python Script	GitLab

Experience

AWS re/Start Training Program in Cloud Computing (AWS)

November, 2023 – March, 2024

Duration: 12 weeks at Tech Mahindra Smart Academy

Visakhapatnam, India

- Completed a comprehensive 12 weeks training program. Developed skills in AWS Cloud Concepts, including services, security, economics and architecture.
- Carried Out hands-on learning approach through practical exercises and real-world scenarios, resulting in a 40% increase in comprehension and engagement levels during training.
- Collaborated with trainers and co-trainees to troubleshoot and solve an extensive variety of technical issues.
- Assisted in diagnosing and resolving problems encountered during training exercises, strengthening analytical and troubleshooting abilities.

Hands-on Experience

Amazon Web Services

- **Amazon IAM** – Proficient to manage users, groups, role-based access control and their policy management and have deep understanding of IAM best practices.
- **Amazon EC2** – Launched and configured multiple EC2 instances using Ubuntu AMIs, t2.micro instance types, and applied security best practices with security group rules.
- **Amazon S3** – Hosted a static website and managed files (images, documents) in S3 buckets with secure access. Organized S3 bucket structure, implemented access controls, and configured policies to restrict public access and ensure data security.
- **Docker** – Capable in Docker with hands-on experience in creating Dockerfiles, building Docker images from various source codes (e.g., Node.js, Python), and managing containers. Skilled in port binding, volume creation for persistent storage, and sharing Docker images through Docker Hub and registries. Experienced in container and image management across multiple projects.
- **Kubernetes** – Good understanding of Kubernetes fundamentals and its importance in modern technology. Familiar with container basics and their role in application deployment. Knowledgeable in Kubernetes architecture, including managing deployments and pods. Able to work with scaling, load balancing, and service discovery within a Kubernetes cluster. Experienced with hands-on demos and applying best practices for smooth Kubernetes usage.
- **Jenkins** – Basic knowledge of Jenkins for CI/CD pipelines. Capable of setting up and configuring Jenkins jobs for automated builds, testing, and deployment. Familiar with integrating Jenkins with Git and using plugins for enhanced functionality.

Project(s) worked on

✓ Easykart – E-Commerce Web Application | Major Project

- **Duration:** April, 2023 – January, 2024
- **Tools & Technologies:** HTML5 (1.9%), CSS3 (3.1%), JavaScript ES6 (95%), React, MongoDB, Nodejs, Express, Postman, Bootstrap etc.
- **Description:** A MERN stack web app enabling user authentication, Users can register, create, view, filter products by price and category, product and category management and PayPal Payment Integration to make an intuitive shopping experience.

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- ✓ **BoxOffice – APIs Based Web Application | Mini Project**
 - **Duration:** March, 2023 – April, 2023
 - **Tools & Technologies:** HTML5 (5.2%), CSS3, JavaScript ES6 (94.8%), React, RESTful API, Axios, etc.
 - **Description:** A React.js app using TMaze API for quick searches on movies, series, and actors. Users can star their favorites, creating a personalized list for quick access.
 - ✓ **Personal Portfolio**
 - **Duration:** February, 2023 – March, 2023
 - **Tools & Technologies:** Developed a web application using HTML (29.4%), CSS, JavaScript (44.3%), handlebars (26.3%) that achieved the desired functionality and design.
 - **Description:** Created a personal portfolio that showcases few projects with brief descriptions, links to code, and demos.

Education

Master of Computer Application 73% Doranda College, Doranda, Ranchi Ranchi University	February, 2021 – July, 2023
Bachelor of Science in Computer Applications 73.91% Doranda College, Doranda, Ranchi Ranchi University	August, 2017 – October, 2020

Certification / Online Training / Courses

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- ✓ **DevOps Beginners to Advance with Projects** **In Progress (Started April, 2024)**
 - **Issuing Platform:** Udemy
 - **Description:** Aspiring DevOps Engineer with a foundation in software development, currently expanding skills via Udemy courses in Kubernetes, Docker, AWS, and Jenkins. Passionate about automation and process improvement, eager to apply knowledge in real-world projects and contribute to a dynamic team.
 - ✓ **AWS Certified Cloud Practitioner** **March, 2024**
 - **Issuing Organization:** Amazon Web Services (AWS)
 - **Completion Date:** March, 2024
 - **Description:** Achieved AWS Certified Cloud Practitioner certification, validating my understanding of the AWS cloud platform, its core services (e.g., EC2, S3, RDS), security features, billing models, and deployment strategies.
 - ✓ **React.js Development Training** **March, 2023, April, 2023**
 - **Duration:** 6 weeks
 - **Issuing Platform:** Internshala
 - **Completion Date:** April, 2023
 - **Description:** Learned core React concepts like components, state management, and props. Gained practical experience through hands-on projects, including building a Tic Tac Toe game, a Box Office app.

Soft Skills

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- Effective Communication
 - Enjoy solving tech puzzles
 - Proficient in resolving a wide range of system issues.
 - Focused