

YASH TEMBHARE

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PROFESSIONAL SUMMARY

AWS DevOps Engineer with 8+ months of hands-on experience in cloud infrastructure automation, CI/CD pipeline development, and containerization. Proven expertise in Infrastructure as Code (IaC) using Terraform, configuration management with Ansible, and deploying scalable applications on AWS. Skilled in continuous integration, continuous deployment, Agile methodologies, Linux system administration, and automation scripting. Demonstrated ability in collaborative problem-solving and technical communication through STEM education and team leadership experience.

TECHNICAL SKILLS

- **Cloud Platforms:** Amazon Web Services (AWS) – EC2, S3, Virtual Private Cloud (VPC), Identity and Access Management (IAM), CloudWatch, Lambda, Elastic Load Balancer (ELB), Auto Scaling.
- **DevOps & Automation:** Jenkins, GitHub Actions, Docker, Docker Compose, Kubernetes, Terraform (Infrastructure as Code), Ansible (Configuration Management), CI/CD Pipelines
- **Scripting & Programming:** Bash Shell Scripting, Python, PowerShell, JavaScript, C/C++
- **Operating Systems:** Linux (Ubuntu), Windows Server Administration
- **Networking:** TCP/IP, DNS, Load Balancing, Security Groups, VPC Configuration, Subnets
- **Web Development:** MERN Stack , RESTful APIs, HTML5, CSS3
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** VS Code, Git, AWS CLI

PROFESSIONAL EXPERIENCE

DevOps & Cloud Engineering Intern | Skillected, Nagpur | May 2025 – Dec 2025

- Designed and deployed AWS infrastructure (EC2, S3, VPC, IAM) for scalable application environments.
- Automated infrastructure provisioning using Terraform, reducing manual setup time by 55%.
- Built CI/CD pipelines with GitHub Actions and Jenkins, enabling faster and more reliable deployments.
- Containerized applications with Docker and managed multi-service environments using Docker Compose.
- Developed Ansible playbooks to automate configuration and deployment across 10+ cloud instances.

Technical Educator | Guruji Technologies (Nagpur Nagar Parishad - UMANG Scheme) | June 2025 – Nov 2025

- Delivered ICT/Robotics and STEM curriculum to PM Shree Primary School students, enhancing technical literacy and problem-solving skills
- Designed hands-on workshops on Internet of Things (IoT), basic programming concepts, and computational thinking
- Demonstrated strong technical communication, mentoring, and presentation skills while working with diverse student and teacher's groups

MERN Stack Developer Intern | Complete Coding By Prashant, Remote | June 2024 – Nov 2024

- Developed full-stack web applications using MongoDB, Express.js, React.js, and Node.js (MERN Stack)
- Implemented responsive front-end interfaces and integrated with backend services for seamless user experiences

KEY PROJECTS

DevOpsified 3-Tier Application Deployment | AWS, Terraform, Ansible, Docker, Jenkins, CI/CD

- Designed and deployed a production-style 3-tier architecture (frontend, backend, database) on AWS.
- Provisioned complete cloud infrastructure using Terraform, including VPC, public/private subnets, routing, IAM roles, SGs, and EC2 instances.
- Automated server configuration and application deployment using Ansible, ensuring consistent multi-server provisioning
- Containerized application components with Docker and orchestrated services using Docker Compose for dev/test parity.
- Built a Jenkins CI/CD pipeline enabling automated build, test, and deployment of application updates to AWS environments.

IoT-Based Soldiers Health Monitoring System | Arduino, ESP32, IoT Sensors, Cloud Integration

- Developed real-time health monitoring system using IoT sensors (heart rate, temperature, GPS) for tracking vital signs and location
- Programmed Arduino/ESP32 microcontrollers for sensor data collection, processing, and wireless transmission
- Integrated cloud storage for data logging and built real-time dashboard for visualization, analytics, and alert notifications

College Job & Internship Portal | MERN Stack, RESTful APIs, JWT Authentication

- Built full-stack web portal with student login, job posting, resume upload, search filters, and admin panel functionalities
- Implemented secure user authentication using JSON Web Tokens (JWT) and role-based access control (RBAC)
- Integrated MongoDB database with proper indexing for efficient data storage, retrieval, and search operations

EDUCATION

- Bachelor of Technology (B.Tech) – Information Technology | CGPA: 8.49/10 | Govindrao Wanjari College of Engineering and Technology, Nagpur | 2021 – 2025
- Higher Secondary Certificate (HSC) – Science | 83.4% | K. John Public School, Nagpur | 2021
- Secondary School Certificate (SSC) | 82.6% | Vivek Mandir School, Gondia | 2019

SOFT SKILLS

Problem-Solving • Team Collaboration • Technical Communication • Leadership • Mentoring • Adaptability • Fast Learning

CERTIFICATIONS & ACHIEVEMENTS

- AWS Certified Cloud Practitioner — In Progress
- Vice President, IT Student Forum — Organized technical workshops and student tech events
- Class Representative, B.Tech — Managed student coordination and academic communication
- NSS Volunteer — Led community initiatives and social welfare activities