

MANOJ V

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PROFESSIONAL SUMMARY

Motivated MCA graduate passionate about **full-stack development**, **cloud computing**, and **DevOps**. Proficient in **Java**, **SQL**, **React**, **Spring**, and **AWS**, with hands-on experience building **scalable applications** and automating deployments using **CI/CD**, **Docker**, and **Kubernetes**.

EDUCATION

PES Institute of Technology and Management Master of Computer Application 84%	Shimoga, India Feb 2023 - Aug 2024
Nutan Institute of Management Studies Bachelor of Computer Application 78%	Davangere, India Jun 2019 - Aug 2022

TECHNICAL SKILLS

- **Languages:** JAVA, SQL, HTML, CSS, JavaScript, React JS, Shell/Bash Scripting
- **Frameworks:** JDBC, Hibernate, Spring(loc, Mvc, Boot)
- **Tools:** Git, GitHub, Maven, Jenkins, Docker, DockerHub, Ansible, Terraform, Kubernetes
- **Platforms:** Visual Studio Code, IntelliJ IDEA, Eclipse, My SQL WorkBench
- **Cloud Platform:** AWS (EC2, S3, IAM, EBS, AMI, ASG, ELB, ALB, VPC, Route 53, CloudWatch, SNS, RDS and AWS Lambda)
- **Web Servers:** Apache Tomcat and Nginx
- **Networking Expertise:** TCP/IP, DNS, VLANs, Subnetting, VPNs, HTTP/HTTPS, IPv4, IPv6, Firewalls. SDLC & Agile
- **Operating System:** Windows And Linux

PROJECTS

Artificial Speaker for Deaf and Dumb People Using Their Murmuring Sound	Feb 24- Sep 2024
<ul style="list-style-type: none">○ Developed a machine learning-based system that translates murmuring sounds into audible speech, enabling better communication for speech-impaired individuals.○ Applied real-time signal processing techniques to filter and enhance low-intensity murmuring sounds for better speech synthesis.○ Implemented an integrated Speech-to-Text (STT) and Text-to-Speech (TTS) system to convert murmuring sounds into text and generate natural-sounding speech, enabling seamless communication for speech-impaired individuals.	
Automated CI/CD Pipeline with Jenkins and Nexus Integration	Mar 25- Jun 2025
<ul style="list-style-type: none">○ Deployed & configured a multi-tier CI/CD environment using Jenkins, Git, Maven, Nexus, & MySQL on AWS servers○ Installed and configured Jenkins on the application server to automate the build, test, and deployment phases of the development lifecycle.○ Set up a Nexus Repository OSS server on a dedicated Ubuntu EC2 instance to store and manage generated .jar and .war artifacts from Maven builds.○ Integrated Jenkins with Nexus for automatic artifact upload after every successful build, ensuring consistent version management and traceability.○ Configured a MySQL database server and integrated it with the web application for dynamic data access.	

CERTIFICATIONS

Java Full Stack Development	Nov 24- Mar 2025
<ul style="list-style-type: none">○ Hands-on training in Core Java, JDBC, Hibernate, Spring Boot, SQL, HTML, CSS, JavaScript, and React.○ Built full-stack E-learning application using front-end and back-end integration.○ Built REST APIs using Spring Boot and Hibernate with proper MVC architecture.	
DevOps with AWS	Jan 25- Jun 2025
<ul style="list-style-type: none">○ Trained in CI/CD automation using Jenkins, GitHub, and Maven for version control and build management.○ Containerized applications using Docker, deployed them on AWS EC2 and orchestrated with Kubernetes.○ Gained hands-on experience with AWS services like S3, RDS, IAM, VPC, CloudWatch and Implemented infrastructure as code (IaC) using Ansible and Terraform.	