

**MOS RICHARD**  
DevOps Engineer

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**PROFESSIONAL SUMMARY**

- Determined, energetic and diligent professional with hands on relevant experience in AWS cloud services, Devops Tools. Seeking an opportunity to utilize my talents in professional capacity, employing comprehensive knowledge and vast professional experience.

**TECHNICAL SKILLS**

Operating systems	Linux, Windows
Version Controller Tools	Git, Github
Scripting	Python, YAML, HCL, JavaScript
Build	Maven
Configuration Management	Ansible
Provisioning Tools	Terraform, Cloud Formation
Continuous Integration	Jenkins
Application Server	Tomcat
Defect Tracking	Jira
Container Technology	Docker, kubernetes
Cloud Platforms	AWS (Saas, Iaas, Paas)
Monitoring	Splunk, Prometheus, Grafana, Cloud Watch
Code Quality	Sonarqube
Repository Management	Nexus

**PROJECT EXPERIENCE**

**Tomcat Deployment Using Jenkins :**

- Created a Linux OS Instance/server then installed Jenkins & Tomcat
- In Jenkins, created a new job in Freestyle project Named "dev"
- Changed Jenkins Port number from 8080 to 8000 Because of both Jenkins and Tomcat has same port number 8080 and then restarted Jenkins, now the port number changed to 8000 for Jenkins
- Created username & password in Jenkins and mapped it in tomcat configuration for connection
- Installing plugin: (Deploy to container) in Jenkins
- Then Configure the plugin in job to connect both Jenkins & tomcat using credentials (usrnme & pwd)
- And added the Project code in Jenkins Job path and trigger the build

- The Project Files Deployed in tomcat Middleware Path.

#### **Portfolio Website with CI/CD Pipeline :**

- Designed and developed a personal portfolio website to showcase my skills and projects.
- What sets this project apart is the implementation of a comprehensive Continuous Integration and Continuous Deployment (CI/CD) pipeline, which automates the website's deployment process.
- This ensures that any updates or changes I make to the website are seamlessly deployed to the production environment, promoting efficiency and reliability.

#### **ChatBot for Food Ordering - Amazon Lex :**

- Designed and implemented a chatbot for food ordering powered by Amazon Lex.
- The objective was to create a seamless and user-friendly conversational interface for customers to place food orders from a restaurant or food delivery service.
- Leveraging Amazon Lex's natural language processing capabilities, I built a dynamic, interactive chatbot that understands customer preferences, processes orders, and interfaces with backend services for order fulfillment.
- Imported ChatBot in Json format and added that in my sample webpage.

#### **2048 Game Development, Docker Containerization, and AWS Deployment :**

- I took on the challenge of developing the popular puzzle game "2048" from scratch, containerizing it with Docker, and deploying it to the Amazon Web Services (AWS) cloud.
- This undertaking demonstrates my skills in game development, containerization, and cloud deployment, all while delivering a classic gaming experience to users.
- Employed Docker containerization to package the game, simplifying deployment and guaranteeing a consistent runtime environment.
- Implemented a CI/CD pipeline, automating the development workflow and reducing manual deployment effort.
- Leveraged the power of AWS for cloud deployment, taking advantage of its services for scalability and high availability.
- Demonstrated expertise in IaC, facilitating reproducibility of the cloud infrastructure.

#### **Internship :**

##### **DEVTOWN**

**Delhi, India (virtual) | May 2021 - June 2021**

- Collaborated with the Devtown development team during a one-month intensive internship focused on front end web development.
- Gained hands-on experience in creating visually appealing and responsive user interfaces. Contributed to the development of interactive web applications, adhering to modern web design and usability principles.

- Assisted in the implementation of front-end technologies, including HTML5, CSS3, and JavaScript, to enhance website functionality and user experience.
- Demonstrated a strong commitment to continuous learning, staying updated with the latest trends in front-end development and design.
- Acquired valuable insights into Agile development methodologies and project management processes.
- Successfully completed the internship, gaining practical skills and contributing to the development of real-world web projects.

**EDUCATION QUALIFICATION:**

**Bachelors of Engineering** - Jeppiaar institute of technology ,Chennai

**HSC** - Don Bosco Hr.Sec School , Thiruvallur.