Manikandan A

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PROFILE SUMMARY

AWS DevOps Engineer with hands-on experience in AWS cloud services, Linux administration, and DevOps fundamentals. Skilled in deploying and managing applications on AWS, using Git for version control, containerizing applications with Docker, and implementing CI/CD pipelines. Strong understanding of cloud infrastructure, monitoring, security, and automation concepts. Seeking to leverage technical expertise to streamline cloud operations and deployment workflows.

SKILLS

- **Cloud & AWS:** EC2, S3, IAM, VPC, CloudWatch, Load Balancer (Basics), Cloud Security
- **Programming:** Java, OOP, Collections, Exception Handling, JDBC, RESTful APIs
- **DevOps & SDLC:** Git, GitHub, Docker, CI/CD Pipelines, Maven, SDLC
- **Linux:** Linux Commands, File Systems, Permissions, Networking Basics
- **Web:** HTML, CSS, JavaScript
- **Database:** MySQL
- **Tools:** VS Code, Eclipse

PROJECTS

Automated Spring Boot Deployment Using Jenkins & Docker
- Designed a GitLab-integrated CI/CD pipeline: Git → Jenkins → Maven → SonarQube → Docker → Trivy → Deployment
- Automated container deployment using Docker Compose
- Enabled static code analysis and vulnerability scanning
- Configured email notifications for CI/CD pipeline stages
- **Technologies Used:** Java, Spring Boot, Docker, Jenkins, Git, Maven

Course Registration System
- Developed a web-based Course Registration System using Java, Servlets, JDBC, and MySQL
- Designed responsive frontend using HTML, CSS, and JavaScript
- Implemented CRUD operations to manage student and course data in MySQL database
- Applied OOP concepts and basic authentication for secure user login and registration
- **Technologies Used:** Java, Servlets, JDBC, MySQL, HTML, CSS, JavaScript

EDUCATION

Bachelor of Technology– Information Technology	11/2021 – 05/2025
IFET College of Engineering, Villupuram	
HSC(Class XII)	06/2020 – 05/2021
Chandra Higher Secondary School	
SSLC(Class X)	06/2018 – 05/2019
DGM Higher Secondary School	

CERTIFICATIONS

- Cisco Certified Network Associate (CCNA) – **Cisco**
- AWS Cloud Fundamentals - **QSpiders Velachery**
- Java Full Stack Development – **QSpiders Velachery**