SATISH YARRABATHULA
Aspiring DevOps Engineer | Software Engineer (1 Year Experience)
Hyderabad, India | Notice Period: 1 Month

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CAREER OBJECTIVE

Software Engineer with 1 year of experience supporting a cloud-based POS SaaS application. Hands-on experience in production support, CI/CD pipelines, Linux deployments, and AWS cloud services (EC2, S3, IAM, CloudWatch). Strong exposure to Jenkins, Git, Docker, and automation practices. Actively transitioning into a DevOps Engineer role with focus on reliability, monitoring, and continuous delivery.

TECHNICAL SKILLS

- **Operating Systems:** Linux
- **CI/CD :** Jenkins, Continuous Integration, Continuous Deployment, Build, Deploy, Rollback
- **Cloud Concepts:** AWS (EC2, S3, IAM, Security Groups, CloudWatch)
- **Version Control:** Git, GitHub
- **Containers:** Docker
- **Scripting:** shell
- **Automation:** Deployment Automation, CI/CD Automation
- **Programming:** Java, Python (basics), SQL
- **Methodologies:** Agile, Scrum, SDLC

PROFESSIONAL EXPERIENCE

- **Software Engineer** *[Saleculator Private Limited, Hyderabad]*   *March 2025 – Present*
  - Supported a **cloud-based POS SaaS application** used by retail clients
  - Resolved **production issues** related to billing, inventory, barcode scanning, payments, and hardware devices.
  - Performed **log analysis, root cause analysis, and issue triaging** in production and staging environments.
  - Optimized **MySQL queries** to fix performance issues and reduce transaction delays.
  - Supported application deployments on Linux servers and assisted during production releases.
  - Contributed to **CI/CD pipeline activities using Jenkins** for build and deployment workflows.
  - Worked with **AWS services (EC2, S3, IAM, CloudWatch)** for application hosting, monitoring, and access control.
  - Used **Git and GitHub** for version control and collaboration.
  - Collaborated with **development and QA teams in an Agile environment** to deliver stable releases.

EDUCATION

Degree	Specialization	Institute	Year	CPI
MCA	*Computer Applications*	JNTU Kakinada	2021-2024	6.9
BSc	*Mathematics*	PRGC Kakinada	2018-2021	8.0

PROJECTS

- **End-to-End CI/CD Pipeline for POS Application**
  - Designed and implemented a **Jenkins-based CI/CD pipeline** to automate build and deployment processes.
  - Containerized the application using Docker **to ensure consistent and repeatable deployments.**
  - Deployed the application on **AWS EC2** configuring required security and access controls.
  - Integrated **Git and GitHub** for source code management and automated pipeline triggers.
  - Enabled **CloudWatch monitoring** for application logs and system metrics, with basic rollback handling for failed deployments.

- **Forecasting New Product Demand Using Machine Learning**
  - Developed a predictive model using **Python and Scikit-learn** to **forecast new product demand** from **historical sales data.**
  - Performed **data preprocessing, feature engineering, and model evaluation** to improve accuracy.
  - Achieved **85% prediction accuracy** enabling better inventory and business planning decisions.
  - Visualized demand trends using **Matplotlib** & **Seaborn** to present insights effectively to stakeholders.

CERTIFICATES

- **Java Full Stack Certification – Naresh IT**
- **OCI Generative AI Associate & Professional Certifications – Oracle University**