

# Yatindra Pabbati

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## Professional Summary

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Highly motivated individual with a strong passion for cloud computing and automation. Skilled in designing and implementing cloud-native solutions using Microsoft Azure and AWS, with experience in building robust data pipelines and serverless architectures. Detail-oriented and adaptable, focused on delivering efficient, high-impact solutions in dynamic environments.

## Skills and Achievements

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- Cloud Computing, Cloud Architecture, AWS Cloud, Azure Cloud, DevOps
- Database Management, SQL
- Programming: C/C++, Python
- Linux Administration
- Strong Academic Record
- Verbal and Written Communication
- Teamwork and Collaboration
- Quick Learner

## Work History

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### Cloud-DevOps Intern, Kritsnam Technologies

*August 2024 – January 2025*

Monthly Stipend: 10,000

- Designed a pipeline to process IoT telemetry data using AWS Lambda and PostgreSQL.
- Leveraged AWS Step Functions, S3, SQS, CloudWatch, and pgAdmin for seamless data processing.
- Developed Azure-Based Data Pipeline for Real-Time IoT Analytics, enabling advanced analytics for client CEMEX.

## Projects

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### Azure-Based Data Pipeline for Real-Time IoT Analytics

- Built a robust data pipeline using Azure IoT Hub, IoT Central, Service Bus, Azure Functions, and Snowflake.
- Enabled advanced analytics for client CEMEX, improving data accuracy and operational efficiency.
- Technologies Used: Azure Services, Snowflake, PostgreSQL.

### Serverless ETL Workflow with AWS Step Functions

- Designed a serverless ETL pipeline to process IoT telemetry data.
- Leveraged AWS Lambda, Step Functions, S3, SQS, and PostgreSQL for seamless data processing.
- Technologies Used: AWS Services, PostgreSQL.

### GitHub Access Management Automation

- Developed a shell script to automate listing users with read access to a specified GitHub repository.
- Simplified access control analysis for DevOps workflows.
- Technologies Used: Shell scripting, GitHub API.
- GitHub Repository - GitHub Access Management Automation

### SQL Walmart Sales Data Analysis

- Conducted analysis on Walmart sales data to explore trends, product performance, and customer behavior.
- Engineered features for better data insights and calculated financial metrics like COGS, VAT, and gross profit.

- Technologies Used: SQL, PostgreSQL.
- GitHub Repository - SQL Walmart Sales Data Analysis

### **Deploying a Node.js Application on AWS EC2**

- Deployed a Node.js application on AWS EC2 using a remote Ubuntu VM, configured security settings, and integrated the application.
- Technologies Used: AWS EC2, Node.js, SSH, Ubuntu.
- GitHub Repository - Deploying a Node.js Application on AWS EC2

## **Education**

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**B.Tech/B.E. in Computers**, SRM University, Chennai  
GPA: 9.01 (Top 10 in class) (2025)

**Class XII**, Telangana Board, GPA: 94.3% (2021)  
**Class X**, CISCE (ICSE), GPA: 93.4% (2019)

## **Certifications**

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**Microsoft Certified Azure Fundamentals** (November 2024 – Present)

## **Languages**

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- English: Bilingual or Proficient (C2)
- Hindi: Bilingual or Proficient (C2)
- Telugu: Bilingual or Proficient (C2)