

Yatindra Pabbati

Aspiring Cloud/DevOps Engineer

Driven and versatile BTech student with a specialization in Cloud Computing, equipped with expertise in DevOps, SQL, and Shell Scripting. Committed to leveraging technical skills and hands-on project experience to contribute effectively to dynamic IT environments, with a focus on innovation, efficiency, and continuous improvement. Seeking opportunities to further enhance knowledge and make impactful contributions in the field of technology.



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📍 Hyderabad, India

EDUCATION

BTech, CSE with specialization in cloud computing

SRM Institute of Science & Technology

09/2021 - 05/2025

CGPA - 9.01

Senior Secondary School

Narayana Group of Institutions

05/2018 - 05/2021

Percentage - 94.3%

PERSONAL PROJECTS

GitHub User Access Script: Automated Listing of Collaborators with Read Access

- Automated GitHub user access listing via Bash script and API, utilizing AWS EC2 for execution.

Deploying Node.js App on AWS with Stripe Integration

- Deployed a secure Node.js app with Stripe integration on AWS, managing setup, IAM users, EC2 configuration, and security groups.

MySQL Cars Database Analysis

- Analyzed a car dataset in MySQL, extracting insights on availability by year and fuel type through SQL queries.

MySQL Walmart Sales Data Analysis

- Analyzed Walmart sales data in MySQL to evaluate product performance, sales trends, and customer behavior, providing insights for sales strategy and operational optimization.

AWS Resource Tracker using Shell Scripting

- Developed a shell script with AWS CLI to track S3 buckets, EC2 instances, Lambda Functions, and IAM users, streamlining AWS resource monitoring.

WORK EXPERIENCE

Cloud/DevOps Intern

Kritsnam Technologies Pvt Ltd.

08/2024 - Present

Hyderabad, India

Kritsnam Technologies provides IoT-based solutions for real-time water management and conservation.

Achievements/Tasks

- Developed a robust **Azure-based data pipeline** for real-time IoT analytics at Kritsnam, on behalf of **HCL Technologies** for **CEMEX**. Utilized Azure IoT Hub/IoT Central, Entra ID, Service Bus, Azure Functions, Azure Postgres, Azure Monitor, and Snowflake to efficiently ingest, transform, and load IoT data into a centralized data warehouse for advanced analytics.

SKILLS

DevOps

Cloud Computing

Shell Scripting

SQL

Microsoft Azure

AWS

C/C++

Python

PUBLICATIONS / RESEARCH

IEEE Conference Paper : Real-time Heart Rate Monitoring via Facial Video Analysis using OpenCV and Custom Signal Processing

Proposed a real-time heart rate monitoring system in Python using OpenCV and signal processing. The system analyzes webcam video to extract pulse frequency and calculates heart rate, providing insights for healthcare and well-being.

ORGANIZATIONS

ISTE (2024 - 2026)

Student Member

CERTIFICATIONS

AWS Academy - Cloud Foundations

Teaches students cloud computing and AWS basics, focusing on core concepts, security, and application deployment.

Microsoft Azure - AZ 900 (09/2024 - Present)

(preparing for certification) Introduces cloud concepts, core Azure services, security, compliance, pricing, and support, providing foundational knowledge for working with Azure.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Telugu

Full Professional Proficiency

INTERESTS

Content Creation

Drawing/Painting

Writing

Reading

Wildlife Conservation