NAYUNIPATRUNI HARSHA VARDHAN

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SUMMARY

Computer Science student with hands-on experience in AWS cloud automation, full-stack development, and Pega low-code solutions. AWS Developer Associate and Pega CSA certified. Seeking an entry-level software developer role to apply cloud and backend skills.

EDUCATION

B.Tech in Computer Science and Engineering, Aditya University   Nov 2022 – May 2026
Surampalem, Andhra Pradesh
CGPA: 8.26 / 10

TECHNICAL SKILLS

Languages: C++, Java, Python, C, JavaScript
Web & Backend: HTML, CSS, Node.js, Express.js
Databases & Cloud: SQL, AWS
Platforms & Tools: Pega Constellation, GitHub, Postman, Docker

EXPERIENCE

Pega Intern -Certificate   Jan 2025 – June 2025
Arteans, Remote

- Developed a Hospital Appointment Booking System using Pega to manage end-to-end appointment workflows.
- Streamlined patient booking and approval processes using App Studio and Dev Studio automation.
- Designed scalable data models and UI components to improve patient–doctor interaction.

AWS Development Intern -Certificate   June 2024 – Aug 2024
Technical Hub, Kakinada

- Automated EC2 instance lifecycle operations (start, stop, reboot, terminate) using Python and Boto3.
- Implemented AWS Lambda functions with EventBridge triggers for scheduled automation and backup tasks.
- Deployed static websites on AWS S3 and EC2 and secured resources using IAM roles and policies.

PROJECTS

Fitness Recommendation System - GitHub   Aug 2024 – Sep 2024

- Developed a full-stack fitness application with authentication and responsive dashboards.
- Built personalized diet and workout plans using BMI and user goals.
- Integrated Google Gemini API chatbot for user interaction.

Movie Recommendation System - GitHub   Jun 2024 – Jul 2024

- Built a movie recommendation system using Python and scikit-learn based on content similarity.
- Implemented TF-IDF vectorization and cosine similarity to suggest related movies.
- Developed an interactive web interface using Streamlit and integrated TMDB API for posters.

Automated EC2 Instance and Snapshot Management - GitHub   Jun 2024 – Aug 2024

- Automated EC2 lifecycle operations using AWS Lambda and Python (Boto3).
- Implemented scheduled automation and EBS snapshot creation using Amazon EventBridge.
- Configured secure IAM roles for controlled EC2, EBS, and CloudWatch access.

CERTIFICATIONS

AWS Certified Developer – Associate — View
Certified Pega System Architect — View
Postman API Fundamentals Student Expert — View
CCNA: Introduction to Networks — View
Docker Essentials: A Developer Introduction — View
NDG Linux Unhatched — View