NAYUNIPATRUNI HARSHA VARDHAN

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SUMMARY

Computer Science student with hands-on experience in full-stack development, AWS cloud, and low-code platforms like Pega Constellation. Skilled in building applications, automating workflows, and delivering scalable solutions using both code and low-code tools. Looking for an entry-level software developer role to apply technical expertise and grow with a forward-thinking organization.

EDUCATION

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

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, C
Web Development: HTML, CSS, JavaScript, Node.js, Express.js
Databases: SQL
Cloud: AWS
Low-Code Platforms: Pega
Tools: Git, GitHub, Postman

EXPERIENCE

Pega Intern [View Certificate]   Jan 2025 – June 2025
Arteans, Remote

- Engineered a Hospital Appointment Booking system, reducing manual scheduling errors by 40%.
- Optimized workflows using App Studio/Dev Studio, improving task automation efficiency.
- Implemented exception handling and SLAs, ensuring 99% on-time case resolution.
- Designed data models and UI components, enabling smoother patient–doctor interaction.

AWS Development Intern [View Certificate]   June 2024 – Aug 2024
Technical Hub, Surampalem, Kakinada

- Automated EC2 lifecycle operations (start, stop, reboot, terminate) with Python + Boto3, reducing manual effort by 80%.
- Designed backup workflows via CloudWatch Events and Lambda, ensuring 100% recovery readiness.
- Launched a static website on AWS S3 + EC2, improving availability and scalability for student projects.
- Explored DynamoDB and integrated IAM security policies for safe cloud access.

PROJECTS

Fitness Recommendation System - GitHub   Aug 2025 – Sep 2025

- Developed a full-stack fitness app with secure signup/login, profile management, and responsive dashboards.
- Built dynamic logic to generate personalized diet and workout plans using user BMI, weight, height, and fitness goals.
- Integrated Node.js with MySQL for authentication and scalable data persistence.

- Designed and integrated an intelligent chatbot powered by **Google Gemini API**, delivering highly personalized real-time fitness and diet recommendations.

Movie Recommendation System using Machine Learning - GitHub   July 2025 – Aug 2025

- Developed a content-based recommendation engine using TF-IDF + cosine similarity.

- Processed 5,000+ movie metadata records, achieving 85% relevance in recommendation tests.

- Built an interactive Streamlit UI for real-time recommendations to end users.

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

- Built Lambda-based automation for EC2 lifecycle tasks, saving 10+ hours/month of manual operations.

- Implemented EBS snapshot policies, strengthening disaster recovery and reducing downtime risk.

- Secured services via IAM roles, ensuring compliance with cloud security standards.

- Integrated CloudWatch event triggers to schedule EC2 operations and snapshot creation automatically

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

CODING PROFILES

LeetCode: leetcode.com/harsha_vardhan12345

GeeksforGeeks: geeksforgeeks.org/user/harshavardj9hm

Hackerrank: hackerrank.com/harshavardhan535

CodeChef: codechef.com/users/harsha3333