

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
Surampalem, Andhra Pradesh
CGPA: 8.26 / 10

Nov 2022 – May 2026

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

- Engineered a full-stack fitness app with secure signup/login, profile updates, and personalized dashboards.
- Designed logic to generate tailored diet + exercise plans based on weight, height, and goals.
- Integrated Node.js + MySQL backend for authentication and scalable data persistence.
- Implemented an interactive chatbot using Together AI API, enabling users to get real-time fitness guidance within the dashboard.

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