

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. Certified in **AWS Developer Associate** and **Pega CSA**. Proven record of cutting manual effort by **80%**, reducing scheduling errors by **40%**, and improving uptime for **200+ users**. Skilled in REST APIs, Agile workflows, CI/CD, and debugging. Seeking an entry-level software developer role to apply cloud, backend, and automation expertise in impactful projects.

EDUCATION

B.Tech in Computer Science and Engineering, Aditya University
Surampalem, Andhra Pradesh
CGPA: 8.26 / 10

Nov 2022 – May 2026

TECHNICAL SKILLS

Languages: C++, Java, Python, C
Web: HTML, CSS, JavaScript, Node.js, Express.js, REST APIs
Databases: SQL, MySQL
Cloud: AWS (EC2, S3, Lambda, DynamoDB, IAM, CloudWatch)
Low-Code: Pega Constellation
Tools: Git, GitHub, Postman, Docker, CI/CD
Other: Data Structures & Algorithms, Agile, Testing, Debugging

EXPERIENCE

Pega Intern [\[Certificate\]](#)
Arteans, Remote

Jan 2025 – June 2025

- Built a Hospital Appointment Booking system, cutting scheduling errors by **40%** and reducing patient wait times by **20%**.
- Streamlined workflows using App Studio/Dev Studio, boosting automation efficiency by **30%**.
- Implemented SLAs and exception handling, achieving **99% on-time case resolution**.
- Designed scalable data models and UI components, improving patient–doctor interaction efficiency.

AWS Development Intern [\[Certificate\]](#)
Technical Hub, Kakinada

June 2024 – Aug 2024

- Automated EC2 lifecycle (start/stop/reboot/terminate) using **Python + Boto3**, saving **10+ hrs/month**.
- Designed Lambda + CloudWatch backup workflows, ensuring **100% recovery readiness**.
- Launched a static website via S3 + EC2, improving availability and scalability for **200+ student projects**.
- Integrated DynamoDB with IAM roles, securing access and ensuring AWS compliance.

PROJECTS

Fitness Recommendation System - [GitHub](#)

AUG 2025 – SEP 2024

- Developed a full-stack fitness app with authentication, profile management, and responsive dashboards.
- Built personalized diet/workout generator using BMI, weight, height, and goals — boosting user engagement by **30%**.
- Integrated **Google Gemini API** chatbot, reducing query resolution time from minutes to seconds for **50+ users**.
- Tech stack: **Node.js, MySQL, JavaScript, Gemini API**.

Movie Recommendation System (ML) - [GitHub](#)

JUN 20245 – JULY 2025

- Built a content-based recommender using **TF-IDF + cosine similarity**.
- Processed **5,000+** movie records, achieving **85% relevance** in test recommendations.
- Delivered interactive web app via **Streamlit**, enabling real-time personalized results.

Automated EC2 Instance and Snapshot Management - [GitHub](#)

JUN 2024 – AUG 2024

- Orchestrated EC2 lifecycle automation with Lambda + CloudWatch, saving **10+ hrs/month**.
- Deployed EBS snapshot policies, reducing downtime risk and improving disaster recovery readiness.
- Secured pipelines with IAM roles, ensuring compliance with AWS standards.

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