

NAGAPRIYA N

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SUMMARY

Information Science and Engineering student with hands-on skills in full-stack development and real-time data streaming. Eager to contribute to impactful projects while continuously learning and growing in innovative, collaborative tech environments.

EDUCATION

Vidyavardhaka College Of Engineering

Bachelor of Engineering in Information Science

Dec 2022-June 2026

CGPA: 8.86

TECHNICAL SKILLS

Programming Languages : C, C++, Python, SQL

Frameworks & Development : MERN Stack, MEAN Stack, RESTful APIs

Cloud & DevOps: Docker, Kubernetes, Git

PROJECTS

Real-Time Data Streaming Pipeline

(HPE-CTY)

DevOps & Streaming Project | Apache Kafka, Kafka Connect, Kubernetes, Docker, Elasticsearch

- Built a real-time streaming pipeline that captures Wikipedia edit events and processes them using Kafka and Faust.
- Indexed enriched event data into Elasticsearch via Kafka Connect; visualized data in Kibana.
- Containerized and deployed all components using Docker and Kubernetes for scalability.
- Configured SMTP email alerts for anomaly detection and integrated Prometheus + Grafana for real-time system monitoring.

Social Media Video Sharing Application

Full-stack MERN Project | React, Node.js, Express.js, MongoDB

- Developed a social platform with video uploads, likes, and comment features.
- Implemented JWT-based user authentication and used Redux for global state management.
- Designed a mobile-first responsive UI for seamless experience across devices.

Plant Disease Classification using CNNs

AI Project | PyTorch, Computer Vision

- Developed a CNN model to classify plant diseases with high accuracy using image data.
- Applied data augmentation techniques to improve model robustness and performance.
- Achieved high accuracy, making the model suitable for real-time crop health monitoring.

CERTIFICATIONS & PARTICIPATIONS

- **InnovateX Hackathon – on Web Development**
- **Google Cloud Career Launchpad – Cloud Engineer Track**
Google Cloud Learning Services (*Certificate issued by Erin Rifkin, Managing Director*)