

# NAGAPRIYA N

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## SUMMARY

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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

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**Vidyavardhaka College Of Engineering** Dec 2022-June 2026  
Bachelor of Engineering in Information Science CGPA: 8.86

## TECHNICAL SKILLS

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

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

**Cloud & DevOps:** Docker, Kubernetes, Git

## PROJECTS

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**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

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- **InnovateX Hackathon – on Web Development**
- **Google Cloud Career Launchpad – Cloud Engineer Track**

Google Cloud Learning Services (*Certificate issued by Erin Rifkin, Managing Director*)