






# KALYAN BABU ALLAMUDI

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## Education

Qualification	Name of the Institute	Board/University	Year of Study	CGPA
M.Tech (CSE)	KL University	KL University	2023-2025	9.3
B.Tech (ECE)	NRI Institute Of Technology	JNTUK	2019-2023	7.8
Intermediate	KVSRT Junior College	BIEAP	2017-2019	8.0
SSC	ZPH School	BSEAP	2016-2017	8.3

## Internships

1. Google AI-ML Virtual Intern

Google*(California, United States)*

July 2024 - Sep 2024  
[\[Certificate\]](#)

- Developed and trained machine learning models using TensorFlow for image classification and object detection, improving accuracy and performance.
  - Deployed AI-driven solutions on Google Cloud Platform (GCP), optimizing real-time data processing and model performance.
2. AWS Cloud Virtual Intern

Amazon*(Washington, United States)*

Sep 2022 - Nov 2022  
[\[Certificate\]](#)

- Implemented automated cloud infrastructure processes, reducing deployment time by 30%.
  - Assisted in migrating on-premises applications to the cloud, reducing infrastructure costs by 20%.

## Projects

1. AI Chatbot for Hospital

[\[GitHub\]](#)

- Built an AI chatbot to streamline patient tasks like appointments,lab results,prescriptions and billing.
  - Created a user-friendly interface with NLP and API integration.
2. Python OpenAI Chatbot

[\[GitHub\]](#)

- Developed an advanced Python OpenAI Chatbot with state-of-the-art natural language processing (NLP) for an independent project.
  - Linked OpenAI APIs to boost chatbot response retrieval through dynamic language model interaction.

## Technical Skills

**Programming Languages:** Python  
**Data Structures and Algorithms:** Strong understanding and implementation of DSA concepts.  
**Web Development:** Solid understanding of HTML, CSS, JavaScript, Next.js, Node.js.  
**Cloud and Container Technologies:** Kubernetes, Docker  
**Databases:** MySQL, MongoDB.  
**AI/ML Frameworks:** TensorFlow, PyTorch, NLP.  
**Version Control:** Proficiency with Git for version control and collaborative development.  
**DevOps and CI/CD:** DevOps practices, Continuous Integration.  
**REST API Development:** Experience with REST API design and implementation.  
**Data Structures and Algorithms:** Strong understanding and implementation of DSA concepts.

## Global Certifications and Achievements

- 1.Google Data Analytics Certified ([Certificate](#))
- 2.Microsoft Certified Azure AI ([Certificate](#))
- 3.Google Code Vipassana Season-6([See Certificate](#))
- 4.AWS Cloud Foundations ([Credly Badge](#))
- 5.CISCO Python Essentials-1 ([Certificate](#))

## Soft Skills

**Attention to Detail:** Deliver high-quality, secure, and ethical AI solutions with precision  
**Communication Skills:** Maintain proactive communication for effective collaboration within a remote team  
**Team Collaboration:** Demonstrates effective communication, cooperation, and coordination within a team  
**Problem-Solving:** Strong analytical and problem-solving skills to address complex client challenges