

RESUME FOR INTERNSHIP

VIGNESH K

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Objective:

My goal is to obtain an engineering **internship** in a vibrant company where I can apply my technical and analytical abilities while gaining valuable experience in the realm of Artificial Intelligence and Data Science.

Profile

Date of Birth	:	16/06/2004
High School Study	:	2007 (LKG) to Mar 2019 (10 TH Standard, State Board, Tamilnadu) at Seventh Day Adventist Higher Secondary School – 605004.
Higher Secondary	:	June 2019 (11 th Standard) to May 2021(12 th Standard State Board, Tamilnadu) at Seventh Day Adventist Higher Secondary School – 605004.
Engineering Study	:	Bachelor of Technology in Artificial Intelligence and Data Science (expected Graduation -June-2025) at Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry approved by AICTE New Delhi & UGC, and affiliated to Pondicherry University

Skills:

- Proficient in AI and Data Science workflow: Data Collection, Data Preparation, Data Analysis, and Model Building.
- Strong knowledge of Machine Learning algorithms.
- Experience with Data Visualization tools: Tableau.
- Familiarity with cloud computing platforms: AWS Academy Graduate - AWS Academy Cloud Developing.
- Excellent analytical and problem-solving skills.
- Strong interpersonal and communication skills.
- Hands-on experience in managing Chatbots and Recommendation systems, such as Kore.Ai Bot, through internship experiences.
- Proficiency in programming languages: Python, C++, C, HTML, CSS, and Javascript.
- Familiarity with frameworks: Flask, TensorFlow, React and Node.js.
- Database: MongoDB and Mock Api.

Certification :

- AWS Academy Graduate - AWS Academy Machine Learning Foundation
- AWS Academy Graduate - AWS Academy Cloud Developing

- AWS Academy Graduate - AWS Academy Data Analytics
- Machine Learning APIs - Google Cloud
- Introduction to Generative AI - Google Cloud
- Introduction to Large Language Models - Google Cloud
- Intro to ML: Image Processing - Google Cloud
- Intro to ML: Language Processing - Google Cloud
- Baseline: Data, ML, AI - Google Cloud
- Execution Management Consulting Program

NPTEL Courses :

1. Python for Data Science (Jul-Aug 2022)

Internships:

1. **10 Weeks Internship on "Process Mining Virtual Internship"** - December-2022 to February 2023
Supported by **Celonis**, National Educational Alliance for Technology (NEAT), AICTE and EduSkills.
2. **Alteryx Data Analytics Process Automation Virtual Internship** (MAY - JULY 2023) certificate ,
Supported by AICTE and EduSkills.

Competitions:

1. **Vertex Booing Hackathon 2022:** Won 2nd prize, conducted by NIT Trichy.
2. **CyberX-Cyber Security Hackathon 2023:** Selected for the semi-final round on May 19th and 20th, 2023, at VIT Chennai.
3. **Reva Hackathon 2023:** Selected among the top 50 teams, held from November 2nd to 4th, 2023, at Reva University, Bangalore.

Projects:

1. **UAV Potential Congestion Identifier** is the project integrates UAV Congestion Detection using K-Means clustering, which groups dummy flight plans and identifies congestion areas based on UAV density. Additionally, a conflict detection mechanism enhances safety. Simultaneously, Reinforcement Learning is applied to train a neural network for UAV Navigation in a custom environment, optimizing actions for goal-reaching and reward maximization. This combined approach ensures comprehensive UAV safety and efficient airspace management.
Github Link: <https://github.com/NOONEVICKY/potential-congestion-identifier>
2. **CODEGEN X AI** is an innovative platform for coders, leveraging the power of Large Language Models (LLMs) to enhance the coding experience. Built with React and Next.js, and integrating "UseLLm" as our core LLM.
Github Link: https://github.com/NOONEVICKY/Reva_Project
3. **PERSONALIZED-GPT** project presents an innovative approach to personalized information retrieval using AI. It seamlessly integrates OpenAI's language models with LangChain and Vector Store, creating a system that can query and retrieve personalized data efficiently. By indexing custom datasets and utilizing advanced NLP techniques, the project offers tailored responses to user queries, demonstrating a unique application in the realm of personalized data management and AI-driven communication.
Github Link: https://github.com/NOONEVICKY/Personalized_GPT
4. **Telegram Live Location Detector** is an innovative application built using Flutter and Leaflet for map representation. This application seamlessly integrates with your mobile device to enhance the experience of sharing and receiving live location details via Telegram.

Upon receiving a Telegram call notification, the app activates and automatically fetches the location details in the form of latitude and longitude. These coordinates are then plotted on a Leaflet map and displayed on our website, allowing for real-time location tracking and representation.

Github Link: https://github.com/NOONEVICKY/Telegram_Loc

5. **Construction Site** is a Web Application for a Construction Company which helps in Labour Management, Vendor Management and Report Analysis . Created by HTML, CSS, NODE.JS
Mongo DB for Data Storing and Retrieval.

Communication & Community Skills:

- 1.Effective Communication Skills for Managers.

Leadership Experience:

- 1.Represented Pondicherry District Cricket Team as a Captain in 2019.
- 2.Represented Pondicherry State Cricket Team as a Vice Captain in 2019 & 2020.

References:

1. **Dr.J.Madhusudanan**, Prof. & Head, Sri Manakula Vinayagar Engineering College,
Madagadipet,Puducherry. Mail Id: madhu@smvec.ac.in hodaid@smvec.ac.in