

VIGNESHWARAN BS

B.TECH ARTIFICIAL INTELLIGENCE AND DATASCIENCE

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Driven and enthusiastic recent graduate with a strong background in data science, machine learning, data analysis, and full-stack development.

EDUCATION

Sona College Of Technology

Bachelor's Degree in Artificial intelligence and Datasience.

2020– Present

CGPA – 8.3*

Adharsh Vidhyalaya Hr Sec School

Higher Secondary Education

Percentage – 79.5

Adharsh Vidhyalaya Mat Hr Sec School

Secondary Education

Percentage – 93.5

SKILLS

- Android Studio
- Python
- Data Analysis
- Cloud Deployment
- PowerBI
- ML Algorithms
- SQL
- Data visualizations
- Vue. JS.
- NLP
- Deep Learning
- Flask
- Docker
- MLOps
- Github
- MongoDB
- FastAPI.
- Firebase.

RESEARCH INTEREST

- ML in Med-Tech
- ML in Edu-Tech
- LLM models
- AI Integrated with Blockchain
- Data Visualizations

CERTIFICATIONS

- Google Data Analytics by Coursera.
- Python Essential Training by LinkedIn
- App development Intern by Internezy.
- **Forage (Virtual Experience)**
 - Data Visualization : Empowering Business with Effective Insights By TATA
 - PowerBI Virtual case Experience
 - Data Science Virtual Machine Learning Experience.
- **NPTEL :**
 - Java Programing
 - Introduction to IOT
- **INTERNSHIPS**
 - Android App Developer Certification by Internezy
 - Full Stack Development Project by Webilicious.

PROFESSIONAL EXPERIENCE

Full Stack Web Developer

Webilicious | 08/2021 – 02/2022

- Developed frontend using Vue.js for ColomboMail, an international logistic courier delivery service company.
- Integrated backend using Firebase for seamless data management and integration.
- Created an admin panel to efficiently manage courier shipments across the globe.
- Significantly increased the number of customers using the service, with over 5000 customers worldwide.
- Successfully launched the live website at colombomail.lk.

Android App Developer

Sona star Innovations Pvt Ltd | 02/2022 – 01/2023

- Led the development and delivery of the ORP (Operational Resource Planning) Mobile Application Platform at Sona Star Innovations Pvt Ltd.
- Implemented a unique QR Code system for asset tracking and inventory management, enabling precise problem identification.
- Developed an end-to-end Android application using Android Studio and utilized Firebase as the backend platform for seamless data management and integration.
- Contributed as both a UI developer and backend engineer, ensuring a smooth and user-friendly experience.

Full Stack Web Developer

Sona Star innovation Pvt Ltd | 08/2023– 10/2023

- Quality Assurance Automation Project: Spearheaded automation implementation in the vehicle quality assurance process at RV-Industries.
- Web-Based Efficiency: Developed a real-time web application for automated quality checks, enhancing production efficiency.
- Developed a user-friendly quality monitoring dashboard, reducing errors and enhancing RV-Industries' success.
- Successfully launched the live website at rv-industries.web.app

PERSONAL PROJECTS

- Hospitality Domain Dashboard (PowerBI)
 - Stakeholder insights dashboard for OYO Rooms using PowerBI in the hospitality domain.
- Potato Disease Classification (Deep learning technique)
 - End-to-end app for potato disease classification using FastAPI and ReactJS.
- Movie Recommendation system (Similarity Search model)
 - Web app for movie recommendation system developed using Flask, Python, and web scraping.
- Bank Note Authentication (Docker)
 - Implemented containerized application deployment solution.
- Cricket Player Analysis Report (PowerBI)
 - Design a dashboard by using espnricinfo data and provide a top most player data in Cricket from 2010 to 2021.
- Restaurant name generation (Langchain (OpenAI))
 - Development of a restaurant name generation model using Langchain (OpenAI) and Streamlit.