

# VYSAKH E R

Ernakulam | +91 7736948184 | vysakher2k2@gmail.com | linkedin.com/in/vysakh-e-r-7a1886249

## PROFESSIONAL SUMMARY

Aspiring AI/ML Engineer with a strong foundation in Python, machine learning, and data preprocessing. Experienced in building data-driven and NLP-based applications through academic and personal projects. Self-motivated, analytical, and eager to apply machine learning techniques to solve real-world problems while continuously learning and improving.

## TECHNICAL SKILLS

**Programming:** Python, C, Java

**Software Engineering:** SDLC, debugging, problem-solving

**AI / ML Skills:** Machine Learning, NLP, Numpy, Pandas, Data Preprocessing, Feature Engineering, Prompt Engineering.

**Web Technologies:** HTML, CSS, PHP, JavaScript

**Databases:** SQLite, MySQL, MongoDB

**Tools:** Jupyter Notebook, VS Code

## ACADEMIC PROJECTS

### AI-Based Resume Screening System

*Python, Django, NLTK, spaCy, SQLite, Razorpay*

Developed an AI-driven resume analysis platform using NLP and ML-based scoring logic. Implemented text extraction, feature engineering, keyword analysis, and rule-based reasoning to provide improvement suggestions. Integrated the ML scoring pipeline into Django for real-time predictions and user feedback.

### Fresh Delight — Dry Fruits E-Commerce Website

*HTML, CSS, JavaScript, PHP, MySQL*

Built an online shopping platform for dry fruits with product browsing, ordering, recipes, feedback system, and secure checkout. Designed database structure and implemented user/admin modules ensuring smooth workflow.

## EDUCATION

### Master of Computer Applications (MCA)

Union Christian College, Aluva — MG University (2023 – 2025)

### Bachelor of Computer Applications (BCA)

Swami Saswathikananda College, Poothotta — MG University (2020 – 2023)

## CERTIFICATIONS

- ChatGPT Prompt Engineering for Developers — DeepLearning.AI x OpenAI (2025) • Innovate & Automate: Exploring Robotics — TCS Hands-on Training
- NPTEL – Object-Oriented System Development using Java, Patterns & UML

## **LANGUAGES**

Malayalam — Native

English — Proficient

Hindi — Proficient

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