

# UDHAIYALAKSHMI P

AI & Data Science | CSE Graduate

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## ABOUT

Computer Science Engineering graduate specializing in **Artificial Intelligence and Data Science**, with strong hands-on experience in **machine learning, data analytics, and full-stack development**. Skilled in building data-driven solutions, extracting actionable insights, and applying AI techniques to solve real-world problems. Passionate about leveraging **AI-driven insights for business optimization, analytics, and intelligent decision-making**, with a strong foundation in both technical implementation and problem-solving.

## EDUCATION

### 1. Bachelor of Engineering (B.E.) – Computer Science Engineering

Kings Engineering College, Irungattukottai  
2021 – 2025

CGPA: 7.86 / 10

### 2. Higher Secondary School (HSC – 12th Standard)

Immaculate Heart of Mary's Girls  
Higher Secondary School, Avadi  
2021

Percentage: 85%

### 3. Secondary School (SSLC – 10th Standard)

Air Force School, Avadi  
2019

Percentage: 82%

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C
- **Artificial Intelligence & ML:** CNN, SVM, Machine Learning, AI in Python
- **Data Analytics:** Data Analysis (Basics), Power BI, Excel, DAX, HR Analytics
- **Web & App Development:** HTML, CSS, JavaScript, ReactJS, Streamlit
- **Tools & Platforms:** MS Office, Canva, Photoshop (Basic), Video Editing
- **Databases & APIs:** REST APIs, Database Management (Basics)

## TRAINING

### 1. Magic Bus India Foundation

UI/UX Design Trainee | Sep 2025–Present | Chennai

- Designed user-centered interfaces using Figma, Photoshop, and Illustrator
- Developed responsive web pages using HTML, CSS, JavaScript, ReactJS, and WordPress
- Applied design thinking principles to enhance usability and accessibility
- Collaborated in a hybrid environment bridging creativity and technical execution

## PROFESSIONAL EXPERIENCE

### 1. NoviTec R&D Pvt. Ltd.

Full Stack Web Development Intern | Aug 2024 – Sep 2024

- Developed responsive UI using HTML, CSS, JavaScript, and React
- Integrated front-end with back-end components
- Worked with databases and RESTful APIs

### 2. RD InfoTech

Java Development Intern | May 2024 – Jun 2024

- Built Java applications using OOP principles
- Implemented inheritance, exception handling, and file management
- Improved debugging and code optimization skills

### **3. Corizo Edutech Pvt. Ltd.**

*Artificial Intelligence Intern | Feb 2024 – Mar 2024*

- Developed ML models for classification and prediction
- Performed data preprocessing, feature engineering, and evaluation
- Collaborated on documentation and team-based AI projects

## **PROJECTS**

### **1. Brain Tumor Classification Using Deep Learning**

- Developed CNN and SVM models for MRI-based tumor classification
- Achieved **80% accuracy**
- Research presented at **CRTICT'25**

### **2. Multi-Disease Prediction Web Application**

- Built using Python and Streamlit
- Predicts multiple diseases using ML models based on user input

### **3. Autonomous Self-Driving Car Simulation**

- Designed using JavaScript, HTML, and CSS
- Implemented neural networks and sensor-based logic

## **CERTIFICATIONS & TRAINING**

- Java Development Internship – RD InfoTech (2024)
- Artificial Intelligence Internship – Corizo (2024)
- Full Stack Development – NoviTech (2024)
- Spoken Tutorial Certifications:
  - C Programming – 65% (2022)
  - Java – 57% (2023)
  - QGIS – 97.5% (2024)
- Ocean Day Presentation Certificate

## **LEADERSHIP & ACTIVITIES**

- Organized Hackathon '24 and Codeathon '25
- Mentored juniors in AI, ML, and Deep Learning
- Active member of **Research & Innovation Cell** and AI & Data Science Club

## **SOFT SKILLS**

- Communication & Customer Handling
- Analytical Thinking & Problem Solving
- Adaptability & Teamwork
- Time Management & Leadership

## **LANGUAGES**

- English – Professional Working
- Tamil – Native / Bilingual
- Hindi – Elementary

## **INTERESTS**

- OpenCV & AI projects
- Photoshop & Video Editing
- Historical Audiobooks

## **DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**Place:**

**Date:**

**Yours faithfully**  
**Udhaiyalakshmi P**