

# BHUVANESHWARI S

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 Bhuvaneshwari S  Bhuvanasri-S  <https://bhuvanasri-s.github.io/Portfolio/>

## PROFESSIONAL SUMMARY

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**AI/ML and Data Science fresher with hands-on experience in Python, machine learning, NLP, and deep learning models including CNN, LSTM, and GRU. Skilled in building data-driven and text-based AI solutions through real-world projects and internships, with strong foundations in data analytics, model development, and evaluation.**

## INTERNSHIP EXPERIENCE

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06/2025 – 09/2025

### Software Engineer Trainee, Novac Technology Solutions

- Gained hands-on experience in **C#.NET, SQL Server, REST APIs, and Entity Framework Core**.
- Developed and tested APIs using **Postman** and implemented database operations using **EF Core**.
- Worked with **Jenkins** for CI/CD pipelines and **Jira** for agile task tracking.

01/2024 – 02/2024

### Data Analyst Intern, MeriSkill

- Performed **data cleaning, preprocessing, and exploratory data analysis (EDA)** on business datasets.
- Designed **interactive dashboards** using **Power BI** to visualize key insights.
- Generated structured **Excel reports** for data-driven decision making.

05/2023 – 09/2023

### AICTE MATLAB Intern, AICTE

- Worked on **MATLAB scripting, simulations, and data visualization**.
- Applied mathematical and analytical concepts to solve basic engineering problems.

01/2023 – 02/2023

### Web Development Intern, Codebind Technologies

- Developed responsive web pages using **HTML, CSS, and JavaScript**.
- Integrated backend functionality using **PHP and MySQL** with form validation and UI enhancements.

## EDUCATION

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2021 – 2025

### B.Tech - Artificial Intelligence & Data Science, Vel Tech High Tech Engineering College, Avadi CGPA: 8.16

2021

### HSC, Swami Vivekananda Matriculation Higher Secondary School, Kanchipuram 90.79%

2019

### SSLC, Swami Vivekananda Matriculation Higher Secondary School, Kanchipuram 90%

## TECHNICAL SKILLS

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### Programming

Python, Java

### NLP & GenAI

Text Preprocessing, Tokenization, TF-IDF, Sequence Modeling, Hugging Face, LLM Concepts, Prompt Engineering

### Databases

MySQL, SQL Server

### ML & AI

Machine Learning, Deep Learning, NLP, CNN, LSTM, GRU, Transformers (Basics)

### Data Analytics

Pandas, NumPy, Scikit-learn, Exploratory Data Analysis (EDA), Power BI, Excel

### Web & Deployment

HTML, CSS, JavaScript, Streamlit

### Tools&Platforms

Git, GitHub, Postman, Jira, Jenkins, VS Code

## LANGUAGES

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### Tamil

Native proficiency – fluent in speaking, reading, and writing

### English

Full professional proficiency – fluent in speaking, reading, and writing

### Hindi

Basic literacy – proficient in reading and writing

## PROJECTS

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### Sequential Recipe Step Analyzer, (Python, NLP, GRU)

- Developed a **GRU-based NLP sequence prediction model** to generate the next cooking step from recipe text, including **text preprocessing, tokenization, and sequence modeling**.
- Performed text preprocessing and sequence preparation on recipe data.
- Evaluated model accuracy and step prediction performance.

### Emotion Detection Using CNN & OpenCV, (Deep Learning)

- Built CNN model to classify facial emotions from images.
- Performed image preprocessing and face detection using OpenCV.
- Evaluated model accuracy and performance on emotion recognition.

### Real-Time Sentiment Analysis System, (Python, NLP, Machine Learning)

- Built ML models to classify text sentiment as Positive, Negative, or Neutral.
- Performed text preprocessing and feature extraction using TF-IDF.
- Evaluated model performance using accuracy and classification metrics.

## CERTIFICATIONS

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**Python (Basic):** – HackerRank

**Data Analysis Using Excel:** – Coursera

**Python for Data Science:** – Great learning

**Invente'22 AI/ML Workshop:** – SSN College

**Fundamentals of Deep learning:** – NVIDIA