







BHUVANESHWARI S

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

PROFESSIONAL SUMMARY

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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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

Programming

Python, Java

NLP & GenAI

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

Databases

MySQL, SQL Server

Tools & Platforms

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

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

LANGUAGES

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

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

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