

# HARSHIT S

Software Developer | AI Engineer



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harshit264

**Innovative Software Developer & AI Engineer** with a solid foundation in Computer Science, Machine Learning, and Generative AI. Experienced in developing, integrating, and deploying intelligent systems using LLMs, prompt engineering, and deep learning frameworks. Skilled in leveraging cloud and DevOps tools for scalable AI solutions, with a passion for creating impactful, user-centered products.

## Technical Expertise

- **Programming Languages** : Python, Java, SQL.
- **AI Frameworks & Tools** : Numpy, Pandas, Scikit-learn, Tensorflow, PyTorch, Pyspark, LangChain, OpenAI API.
- **Cloud & DevOps** : Docker, AWS, GitHub Actions, CI/CD, REST API.
- **Soft Skills** : Time Management, Problem Solving, Team Work, ,Adaptability.

## Experience

**Abluva Pvt. Limited,**

Oct 2024 - May 2025

**AI Intern trainee**

- Gained hands-on experience in **data preprocessing, feature selection, outlier removal**, and applying foundational machine learning and deep learning concepts for model development.
- Contributed to product development involving association **rule mining, time series forecasting, and fine-tuning** large language models (LLMs) for domain-specific text classification tasks.

**CCMPL,**

Jun 2023 - Jul 2023

**DL Intern**

- Involved in developing Artificial Neural Networks (ANN) and Convolutional Neural Networks (CNN) using TensorFlow, enhancing practical understanding of deep learning workflows.
- Utilized **statistical analysis** and data **visualization methods** to assess and communicate model performance, with detailed documentation and optimization.

**CCMPL,**

Dec 2022 - Jan 2023

**ML Intern**

- Gained proficiency in Python for data preprocessing, feature extraction, and **building ML models** with Scikit-Learn, using Git for version control and Jupyter Notebooks for experimentation.

## Projects

- **CLIA - Standup summarizer** : Local LLM-based summarizer converting Git commit logs into concise stand-up updates.
- **AI Tutor System** : Retrieval-Augmented Generation (RAG) chatbot answering user queries from uploaded PDFs.
- **Climate Analysis Dash**: Interactive web app predicting and visualizing city temperature trends using ML models.

## Education

- BE - Computer Science and Engineering Hons(AIML), CGPA - 8.2 Sept 2021 - May 2025  
**KPR Institute of Engineering and Technology**
- HSC, Percent : 91% Jun2020 - May 2021  
**Kongu Vellalar Matric. Hr. Sec. School**
- SSLC, Percent : 92% Jun 2018 - May 2019  
**Kongu Vellalar Matric. Hr. Sec. School**

## Achievements

- Achieved **1st place** in the **AIML Hackathon** at the national-level event "**BIT V-PRAYUKTI'23**" organized by BIT, demonstrating innovation and expertise in artificial intelligence and machine learning.
- Secured **1st Prize** in a Hackathon organized by **K.S.R. Institutions**, showcasing effective problem-solving and teamwork in a competitive setting.
- Attended **ICIRD Conference** on a research on **GenAI for Tutoring with Intelligent Systems**.