Harshitha M Savadatti

Dharwad, Karnataka

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CAREER OBJECTIVE

Motivated B.E. graduate (2023) with hands-on experience in software development and data-driven projects. Seeking opportunities to leverage technical skills in software development, data analysis, and AI/ML to deliver innovative and efficient solutions. Passionate about contributing to meaningful projects while continuously learning and growing in a dynamic, collaborative work environment.

WORK EXPERIENCE

AI ML Labs Pvt Ltd **July 2024 - Present**
Data Science Associate *Bengaluru, karnataka*

- Built ML models for classification, regression, and time-series forecasting.
- Cleaned and engineered features from large datasets to improve model accuracy.
- Deployed ML models into production and developed dashboards for reporting.
- Skill Highlight - Machine Learning, Data Processing, Model Deployment, Data Visualization.

Accenture **Aug 2023 - July 2024**
Packaged App Development Associate *Bengaluru, karnataka*

- Completed training in C++ Client Server.
- Completed DU training - Intelligent Edge.
- Skill Highlight - Python, API, Gen AI, React.js, Kubernetes, Docker, Git

Telestream India Private Limited **Feb 2023 - Aug 2023**
Software Engineering Intern *Bengaluru, karnataka*

- Collaborated on JIRAs for GLIM (Vue JS) and Content Agent (C#), resolving bugs and adding new features.
- Recognized with Udemy certificates for Vue JS and C#.
- Skill Highlight - Vue JS, C#, windows form, visual studio, debugging, bitbucket , Jira

SKILLS

Programming Languages: Python, C++, C, JavaScript
Machine Learning / AI: Natural Language Processing (NLP), Machine Learning, Scikit-learn, TensorFlow, Time Series Analysis
Data Analysis / Libraries: Pandas, NumPy, Matplotlib
Web Technologies: React.js, Vue.js, Flask, HTML5, CSS3, SMTP
Databases: MySQL, PostgreSQL
Soft Skills: Problem Solving, Team Collaboration, Communication, Time Management

PROJECTS

GenAdCreator | AI-Powered Ad Copy & Product Description Generator

Skills used: *Python, LangChain, OpenAI GPT-4, DeepSeek, Streamlit, Azure Functions, Sentence Transformers, SEO, Prompt Engineering, REST APIs*

Description: *Built a Generative AI platform that automatically creates SEO-optimized product titles, ad copies, and category descriptions for an e-commerce retail platform. Utilized LLMs (GPT-4 & DeepSeek) and LangChain templates to generate multilingual, tone-consistent marketing content tailored to product type and target audience.*

Roles & Responsibilities:

- Designed prompt templates for title, description, and keyword generation.
- Integrated OpenAI API with a custom Streamlit interface for marketing team access.
- Implemented semantic similarity checks using Sentence-BERT to ensure originality and consistency.

- Automated A/B testing to evaluate engagement rate improvement (25% increase in CTR).
- Managed deployment using Azure Functions and monitored content generation logs.

RetailSentimentAI | Customer Sentiment Classification System

Skills used: <u>Python, NLP, Scikit-learn, BERT, TF-IDF, Flask API, Azure Data Factory, Power BI, spaCy, Text Classification, REST APIs</u>

Description:

Built an NLP classification model to analyze customer feedback and product reviews from online and in-store channels, categorizing sentiment as Positive, Negative, or Neutral. Used insights to improve product placement and quality control strategies.

Roles & Responsibilities:

- Preprocessed and tokenized 1M+ text reviews using NLTK and spaCy.
- Used TF-IDF + Logistic Regression and BERT fine-tuning for comparison.
- Deployed REST API endpoint for real-time sentiment scoring.
- Achieved 91% accuracy and integrated insights with Power BI dashboards.
- Automated data-refresh pipeline using Azure Data Factory.

EDUCATION

KLE Technological University	**Hubli, karnataka**
B.E, Computer Science and Engineering - **8.35/ 10.0**	*2019 - 2023*
ICS Mahesh PU College	**Dharwad, Karnataka**
DPUE - PCMB - 12th boards - **87.17%**	*2018 - 2019*
St.Joseph's High School	**Dharwad, Karnataka**
KSEEB -10th boards - **92.96%**	*2016 - 2017*

CERTIFICATES

- Basics in C ,C++ ,Python and DSA from ISCT
- The Complete 2023 Web development bootcamp by Angela Yu
- The complete VUE JS course by code revolution
- C# basics, Intermediate and advanced by Mosh Hamedani