

CAREER OBJECTIVE

To seek a challenging and rewarding career where I can contribute my knowledge and skills for growth and development of the organization and to be able to implement solutions that meet the customer requirements using my innovative approach of software development skills and technical expertise.

PROFILE SUMMARY

- Over 4+ years of experience in **Machine Learning**, **NLP**, and **AI/ML** model development, with additional expertise in front-end development.
- Led a team in the development of end-to-end AI/ML solutions, specializing in **NLP** and **Generative AI** models, and served as a co-mentor, providing guidance and support to team members.
- Conducted thorough AI/ML code reviews to ensure quality and adherence to best practices.
- Designed and implemented ML code execution schedules for efficient processing.
- Utilized Python programming for seamless development and optimization of AI/ML applications.
- Troubleshooted and resolved real-time issues in AI/ML applications, ensuring smooth functionality.
- Developed innovative solutions using advanced algorithms, pushing the boundaries of capability.
- Provided technical mentorship to junior developers, fostering skill growth and maintaining high coding standards.
- Designed scalable AI/ML architectures capable of accommodating increased data volumes and expanding functionalities.
- Goal-oriented, quick learner with strong problem-solving abilities.

TECHNICAL PROFICENCIES

Programming Languages	Python, C, Java, OOPS, React JS, Java Script, HTML
ML Frameworks	TensorFlow, PyTorch, Scikit-learn
Data Manipulation	Pandas, NumPy
Data Visualization	Matplotlib, Seaborn
Development Platforms	VSCode, Jupyter Notebook, Google Colab, IDEs, Pycharm, Huggingface
LLM	GPT3.5, Gemma, Llama, Starcoder2, Stable Diffusion XL
Other Skills	End-to-End AI/ML Code Development, Gen AI, Prompt Engineering, Scalable Architecture Design, Code Review

PROFESSIONAL EXPERIENCE

- Working as **Gen AI Engineer in Persistent Systems** from June 2025 in Pune.
- Working as **Systems Engineer** in Tata Consultancy Services from May 2022 in Pune.
- Worked as **Data Analyst** in Walmart from December 2021-April 2022 in Bengaluru.
- Working as **Data Analyst** in Black Pepper Capital from August 2021-October 2021 Remote.
- Working as **Data Engineer** in EC-Mobility from October 2018-February 2020 in Aurangabad

ACADEMIC QUALIFICATIONS

- **BE** at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, with 71 Percent.

PROJECTS

Project Name	Enterprise level Virtual assistant
Development Platform	Python, Azure Cognitive Search, VS Code
Packages	Pandas, LangChain, Vectordb

Description:

RAG Enterprise level Virtual assistant (VectorDb, LangChain, Azure Cognitive Search) Developed a custom Virtual Assistant (EVA).

Roles/Responsibilities:

- Designed and implemented EVA using Azure OpenAI and Cognitive Search for efficient data retrieval.
- Developed RAG-based models and integrated vector search for accurate, context-aware responses.
- Automated customer service and reporting tasks to enhance productivity.
- Optimized AI workflows to improve user experience and decision-making.

Project Name	Remodeling Rooms with GenAI
Development Platform	Python, VS Code
Packages	Gen AI, Stable Diffusion

Description:

Remodeling Rooms with GenAI (ControlNet, Stable Diffusion, IPAdapter,LangSAM)

Roles/Responsibilities:

- Developed a room remodeling tool using ControlNet and **Stable Diffusion 1.5** to modify and visualize room designs based on customer preferences.
- Utilized IPAdapter to seamlessly integrate customer-provided furniture into room designs.
- Built an intuitive React application to enable users to easily visualize and customize room layouts.
- Implemented AI-driven features to remove and replace furniture objects in images, ensuring accurate design transformations.

OTHER PROJECTS

- Graph Database using Neo4j
- Code Generator (Starcoder2)
- Chatbot (Gemini, GPT4)
- Remodeling with GenAI
- Hiring Assistant

OTHER ROLES/RESPONSIBILITIES

- Able to train New Colleagues, juniors and other teams.
- Working on multiple Projects.
- Able to work on multiple projects simultaneously.

HONORS/ACHIEVEMENTS

- Innovation Pride Award
- Special Initiative Award

CERTIFICATES

- Google Cloud Associate Certification
- Azure Data Science Associate Certification

PERSONAL DETAILS

- D.O.B : 13/02/1994
- Father's Name : S.H. Chaudhary
- Gender : Female
- Marital status : Single
- Nationality : Indian
- Languages known : English, Hindi, Punjabi, Marathi

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge

Date:

[S.Chaudhary]