

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	Chadalawada Ramanamma Engineering College	8.00	2019-23
Senior Secondary	BIEAP Board	9.61	2017-19
Secondary	SSC Board	8.7	2017

EXPERIENCE

Software Engineer, Tech Mahindra

Jun. 2024 – Present

- Worked with Git for version control for smoother deployments in a Linux-based development environment

Associate Software Engineer, Tech Mahindra

Dec. 2023 – May. 2024

- Designed and deployed backend services using FastAPI behind NGINX reverse proxy, improving scalability and request handling.
- Leading the development of an AI-powered document automation system utilizing pretrained LLMs, enhancing accuracy in information extraction and formatting.
- Developed and deployed a document cleaning solution using Python and generative AI, significantly reducing manual effort in document preprocessing.
- Applied LangChain and prompt engineering techniques to optimize LLM outputs for downstream applications.
- Built containerized applications using Docker for environment consistency and rapid deployment; implemented start/stop lifecycle control for service orchestration.
- Collaborated across teams to test and deploy microservices and manage internal tools for AI/ML development.

AI/ML Trainee, Tech Mahindra

Dec. 2022 – Nov. 2023

- Built and trained models for classification, regression, and clustering tasks.
- Gained experience in data preprocessing, model tuning, and evaluation.
- Contributed to early versions of internal AI solutions involving document summarization and tagging

PROJECTS

- **AI-Powered Document Cleaning** (Ongoing)
Machine learning project
 - Developing an end-to-end pipeline to generate, refine, and structure documents using pretrained Large Language Models (LLMs).
 - Automates content creation (summaries, structured reports, standard templates) and document cleaning (error correction, format alignment, noise removal).
 - Deployed backend with FastAPI, served via NGINX, containerized with Docker, and managed in Linux environments.
 - Integrated LangChain for prompt engineering and modular LLM workflows
 - Made using: Python, Nginx, FastAPI, Langchain, Docker, Github, Linux

TECHNICAL SKILLS

- **Programming:** Python
- **Frameworks & Tools:** FastAPI, Django, Flask
- **DevOps:** Docker, Git
- **Databases:** PostgreSQL, MySQL
- **CS Subjects:** OOPs concepts, Operating system
- **AI/ML:** LangChain, Generative AI, Machine Learning

POSITIONS OF RESPONSIBILITY

- **Team Member AI Document Project,**Helped with developing and testing features for document generation and cleaning using AI tools
- **Code Helper, AI/ML Team,**Gave feedback to teammates on their code and helped fix small bugs

ACHIEVEMENTS

1. **Received "Pat on the Back"** award at Tech Mahindra for excellent work on AI document generation and automation
 2. **Completed 90-day coding challenges** on LeetCode and GeeksforGeeks
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