

MAYUR FALE



PERSONAL DETAILS

● *mayurfale@gmail.com*

● *+91 8459418552*

● *Wardha, Maharashtra
442001*

EDUCATION

05/2019

Computer Science Engineering

Jawaharlal Darda Institute of
Engineering and Technology

Yavatmal, Maharashtra

- Made Major Project on IOT based Automatic Railway Crossing Gate.
- Attended several conferences.
- Actively participated in various events.

04/2015

Electronics

Shivaji Science Nagpur

Nagpur, Maharashtra

Presented Project on State level
Conference

OBJECTIVE

Experienced professional with a strong background in technology-related roles. Proficient in software development, system administration, and technical support. Skilled in problem-solving and optimizing performance. Capable of managing projects and collaborating effectively with teams. Committed to continuous learning and staying current with industry trends to contribute to organizational success.

SKILLS

- Python
- Django framework
- Flask framework
- Streamlit framework
- CrewAI framework(Agentic AI)
- Phidata framework(Agentic AI)
- NGINX
- Jenkins
- HTML
- Bootstrap
- Pandas
- Numpy
- Langchain
- PostgreSQL
- AWS (Lambda, S3, SageMaker, Bedrock)
- SQL server
- Superset
- ServiceNow
- Data Extraction
- Project Coordination
- Programming
- Data Analysis
- Power BI
- Operational Support
- Technical Analysis
- Research and Development
- Prompt engineering
- Object-Oriented Programming
- Software Development

05/2013

English

Lok Vidyalaya Wardha
Wardha, Maharashtra

- Participated in Annual gathering.
- Presented my school on district level.

CERTIFICATIONS

- Amazon - AWS Certified AI Practitioner AIF-C01
- LinkedIn - Advanced Pandas
- LinkedIn - Applied Machine Learning
- LinkedIn - What is Generative AI?
- Udemy - Ultimate AWS Certified AI Practitioner AIF-C01
- Udemy - AWS Machine Learning Associate

LANGUAGES

Marathi: First Language

English: C2
Proficient (C2)

Hindi: C2
Proficient (C2)

EXPERIENCE

AI & ML Engineer & GenAI Developer (Serving Notice Period)
Tata Consultancy Services (TCS) | Nagpur, Maharashtra

05/2021 – 08/2025 1. AI Solutions Development

- Developed AI-infused intelligent dashboards using Django, Flask, and Streamlit.
- Created Audit Solutions to reduce manual auditing of millions of tickets.
- Built Auto-assignment Ticket System to assign tickets intelligently to solvers.
- Worked with OpenAI (GPT-3.5-turbo) and Huggingface models (flan-T5) for retail banking recommendations and conversational bots.
- Developed Smart Video Summarizer solution using CrewAI (Agentic AI).
- Built end-to-end application to process "Voice of Customer" data into categorized summaries.
- Applied machine learning algorithms (Random Forest, Naive Bayes, SGD Classifier, XGBoost) for classification tasks.
- Created multiple python automation scripts for provisioning and de-provisioning the users from any application.

2. Deployment and Infrastructure

- Deployed solutions using Rancher Desktop for containerization.
- Used Kubernetes for managing containerized applications.
- Built and maintained CI/CD pipelines using Jenkins.
- Configured NGINX for reverse proxy, load balancing, and caching.

3. Research and Innovation

- Created a reusable repository of AI agents for developers.
- Researched Google GEMINI and its applications.
- Worked on summary extraction using large language models (LLMs).
- Applied prompt engineering techniques for data extraction from images.

4. Collaboration and Coordination

- Collaborated with cross-functional and user experience teams to design and implement new features.
- Participated in discussions to identify new business opportunities.
- Coordinated software installations and deployments across teams.

5. Problem Solving and Support

- Resolved customer issues by establishing workarounds and debugging defect fixes.
- Improved customer satisfaction through creative technical solutions.
- Developed web applications and provided operational support.

6. Database and Backend Development

- Designed and maintained databases using PostgreSQL and SQL Server.
- Applied object-oriented programming (OOP) principles in Python for backend development.

PERSONAL INFORMATION

- Date of Birth: 09/27/97
- Nationality: Indian
- Marital Status: Single

PASSPORT - STATUS

Available