

SHASHWAT MANGLAM JAIN

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PROFESSIONAL SUMMARY

Versatile **Full-Stack AI & Cloud Engineer** with hands-on experience in building scalable web applications, AI-powered solutions, and cloud-native infrastructures. Proficient in CI/CD automation, DevOps practices, and full-stack development. Passionate about leveraging AI and cloud technologies to deliver real-world, high-impact projects efficiently.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science & Engineering

2022 – 2026

Oriental Group of Institutions, Bhopal

CGPA: 7.6/10

CORE SKILLS

Programming:	Python, JavaScript (ES6+), PHP, Java, Bash, SQL, C, Dart, DSA
App Development:	Flutter, React Native, Java (Android)
Full Stack:	React.js, Redux, Node.js, Express.js, MongoDB, Tailwind CSS, Bootstrap
Cloud/DevOps:	AWS, Docker, Kubernetes, Jenkins, GitHub Actions, Nginx, Terraform, Ansible
AI/ML:	Pandas, NumPy, Scikit-learn, TensorFlow, Keras, LangChain, Hugging Face, OpenCV
Monitoring:	Prometheus, Grafana, CloudWatch
Tools:	Git, GitHub, Postman, VS Code, Netlify, Vercel, Render, Linux, REST APIs

EXPERIENCE

Intern – Full-Stack & Cloud Engineering

Jun 2025 – Aug 2025

Optico Solutions Pvt Ltd, Bhopal

Worked on the **SalesGrow App** – a token-based rewards platform. Developed multi-role dashboards, automated AWS deployments with Docker & GitHub Actions, and integrated monitoring tools. Published app on Playstore.

KEY PROJECTS

AI Attendance System – Face Recognition | *FastAPI, React, Face-Recognition (dlib/ResNet), MongoDB*

Built an AI-powered attendance system using facial recognition. Detected faces with **dlib ResNet model**, extracted embeddings, and stored them in MongoDB. Automated real-time attendance marking via React + FastAPI interface.

DevOpsified MERN App – GitOps on AWS EKS | *MERN, Docker, Kubernetes, Helm, ArgoCD, GitHub Actions, AWS*

Deployed a MERN stack application on AWS EKS using Docker and Helm. CI/CD pipelines automated with GitHub Actions. Prometheus + Grafana integrated for monitoring and scaling.

MediBot – AI Medical Chatbot | *FastAPI, LangChain, Gemini API, React, Tailwind, FAISS*

Developed an AI chatbot for medical queries. Used **PyPDF2 / pdfplumber** for PDF text extraction and **Gemini embeddings** for semantic search. LangChain orchestrates retrieval and LLM reasoning; React + FastAPI provides real-time chat interface.

CERTIFICATIONS

Internship Certificate – Optico Solutions Pvt Ltd (2025)

Docker & Kubernetes for Cloud Engineers (Coursera)

Machine Learning (Coursera)

Flutter (Coursera)

ACHIEVEMENTS

- Solved 300+ Data Structures & Algorithms problems on LeetCode.
- Automated ~80% of deployment workflows during internship.
- Built production-ready AI and cloud applications integrating DevOps best practices.