

Omkar Jadhav

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github.com/OmkarJadhav2020 linkedin.com/in/omkar-jadhav Portfolio

Education

JSPM Rajarshi Shahu College of Engineering
B.Tech. in Information Technology

June 2022 - Present
CGPA: 9.81/10.0

Achievements

- Smart India Hackathon 2024 Champion:** 1st place at NIT Surathkal, 1,00,000 prize for AI-driven process automation solution
- Startup Success:** Secured 5,00,000 cash prize at IDE Bootcamp (top 1% of participants)
- GATE:** Successfully qualified the prestigious national-level engineering examination

Professional Experience

Accenture May 2025 – Present
Associate Software Engineer Intern (Full-time) Pune, India

- Engineered enterprise software infrastructure using **SAP ERP** and **SAP Products** following complete **SDLC**
- Developed **Generative AI** solutions with **RAG pipelines**, implementing cybersecurity best practices and automation

ChicChic June 2025 – Present
Backend Engineer - R&D Department (Part-time) Pune, India

- Built scalable backend systems using **Node.js** and **Python**, optimizing API performance by 45%
- Implemented **AI/ML** research solutions with **TensorFlow** and cloud infrastructure automation

Ministry of Coal November 2024 – January 2025
Technical Solutions Architect Remote

- Leading AI-powered coal quality analysis system using **Azure Computer Vision** and **Custom Vision API**
- Implemented automated reporting with **Power BI** and **Azure Functions**, processing 1TB+ data monthly

BiteUp February 2025 – March 2025
Flutter Developer Intern Pune, India

- Developed cross-platform food delivery app using **Flutter** and **Firebase**, improving user engagement by 35%
- Implemented real-time tracking and optimized app performance, reducing load times by 40%

Key Projects

Audio Deepfake Detection System March 2025

- Built lightweight detection system using **PyTorch** and **Feature-Gated Light CNN**, achieving 91% accuracy

Enterprise Document Intelligence Platform December 2024

- Architected document processing system with **Azure Form Recognizer** and custom **RAG pipelines** (95% accuracy)

Smart AI Notes Platform (Live Demo) October 2024

- Built collaborative note-taking platform using **Next.js 14**, **TypeScript**, and **Azure OpenAI Service**

Intelligent CRM System September 2024

- Engineered modern CRM using **Django**, **PostgreSQL**, and **Azure Services** with ML-powered lead scoring

Technical Expertise

Languages: C/C++, Python, Java, TypeScript, JavaScript, SQL

Cloud & DevOps: Microsoft Azure, AWS, Docker, Kubernetes, CI/CD, Git

AI/ML: TensorFlow, PyTorch, Langchain, OpenAI API, Azure Cognitive Services

Web: React.js, Next.js, Node.js, Django, FastAPI, GraphQL

Data: PostgreSQL, MongoDB, Redis, Kafka, Power BI, Tableau

Enterprise: SAP ERP, SAP Products, Cybersecurity, Automation, RAG Pipelines

Certifications

Docker Foundations Professional Certificate (Docker) • **JavaScript Foundations** (Mozilla) • **Six Sigma Yellow Belt** (SCRUMstudy) • **GitHub Professional Certificate** • **Oracle Java Foundation**