

# ANKIT KUMAR

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## PROFESSIONAL SUMMARY

Third-year B.Tech Computer Science student at ITER, SOA University (CGPA 8.2), with hands-on experience in data analytics, machine learning, process automation, and full-stack development. Skilled in Python, Java, SQL, JavaScript, and Power BI; experienced building end-to-end analytical pipelines, predictive models, and interactive dashboards across four internships. National hackathon winner (MSME 4.0, SIH 2025) with a consistent track record of delivering measurable performance improvements in agile environments.

## EDUCATION

**B.Tech - Computer Science & Engineering** ITER, SOA University, Bhubaneswar CGPA: 8.2 | 2023–2027

**ISC Class XII** - Gulmohar High School 75.4% | 2021-2023

**ICSE Class X** - Vig English School 74.5% | 2021

## TECHNICAL SKILLS

**Languages:** Python, SQL, Dart, Java

**Data Engineering & ML:** Pandas, NumPy, Scikit-learn, PyTorch, HuggingFace, ETL Pipelines, REST APIs, MySQL, EDA, Feature Engineering

**Cloud & Tools:** GCP, Docker, Git, GitHub, Jupyter/Kaggle, Power BI, Streamlit

**AI & Automation:** LLMs, RAG Pipelines, FAISS/Vector DBs, n8n Workflows, WhatsApp/Webhook Automation, Claude

**Web & App Dev:** React.js, Next.js, Flutter (BLoC), Node.js, WebSockets, Tailwind CSS, Bootstrap

**CS Fundamentals:** Data Structures & Algorithms, OOP, DBMS, Operating System

## INTERNSHIP EXPERIENCE

**Machine Learning Intern - Celebal Technologies · Remote** Jan 2026 – Present

Building end-to-end ML pipelines on structured datasets; EDA, feature engineering, regression, classification, and model evaluation (MAE, RMSE, R<sup>2</sup>, ROC-AUC) in Kaggle/Jupyter. Covering supervised/unsupervised learning, deep learning (PyTorch), RNNs, GANs, RAG + LLMs, and agentic AI across 8 structured weekly assignments.

**Software Developer Intern - Fastpeer AI Corp · Remote, USA** Dec 2025 – May 2026

Built Python logging pipelines monitoring system metrics; data-driven optimisations brought API response time under 200ms for 500+ concurrent users. Contributed to frontend (React) and DB layers across 3 web apps - REST/WebSocket APIs, schema design, and UI component development.

**Data & ML Intern - Aveti Learning Pvt. Ltd. · Bhubaneswar** Nov 2024 – Jan 2025

Built ETL pipelines in Python/Pandas; applied HuggingFace NLP for sentiment analysis visualised in Streamlit dashboards. Automated 500+ weekly PDF/Excel reports saving 15+ hrs/week; enabled data-driven decisions across the academic team.

## PROJECTS

**SmartBloom - Autonomous Pollination Rover** · Python · YOLOv8 · OpenCV · ESP32 · WebSocket

Real-time CV inference pipeline with YOLOv8 on ESP32-CAM; sub-200ms latency, fully offline - 94%+ detection accuracy. Won MSME Hackathon 4.0 (Govt. of India).

**Dozi - AI Coworker Platform** · Flutter · Python · LLM · REST API · BLoC

Built AI coworker mobile app with chat interface, session history, and drawer navigation; integrated LLM backend for real-time contextual task assistance and autopilot mode.

**SahayakAI - Multilingual AI Knowledge Vault** · Python · RAG · LLM · FAISS · Next.js

AI government assistant (Hindi/Hinglish/English); RAG pipeline over govt scheme docs (PM Awas, MNREGA, RTI, land records) with FAISS vector store, RTI wizard, and document drafter.

**Code Zen - AI Developer Productivity Platform** · Flutter · Python · GenAI · LLM

ATS resume checker, AI mock-interview simulator, and LLM-powered debugger - cut issue resolution time by 40%. Used Claude & GitHub Copilot. Won ELYSIUM KODLAMA AI Hackathon & INNOSPRINT Ideathon.

## ACHIEVEMENTS & CERTIFICATIONS

**Hackathons:** National Winner - MSME IDEA Hackathon 4.0 (Govt. of India) | Runner-Up SIH 2025 Grand Finale (Govt. of India)

Winner - E-Summit KIIT, ELYSIUM KODLAMA AI, TECHNOV8, INNOSPRINT, D3Tech Fest IIIT-Bhubaneswar

**Certifications:** Oracle Gen AI Professional (OCI 2025) | 5x Google Cloud Champion & Study Jam Winner

Coursera: DSA | CipherSchools: Deep Learning | Infosys: Flutter

HackerRank Software Engineer - Problem Solving