

Sunil Ghanchi

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EDUCATION

- SAL College of Engineering** Ahmedabad, India
Bachelor of Engineering - Computer Engineering; CGPA: 7.24
2020 - 2024

SKILLS SUMMARY

- Languages:** Python, C, C++, Java, JavaScript, NextJS
- Data Science/AI/ML & Tools:** Scikit-learn, DL, LLMs, GenAI, RAG, TensorFlow, Keras, n8n, v0.dev, MCP
- Databases:** SQL, MySQL, PostgreSQL, MongoDB, VectorDB, ChromaDB, Pinecone
- Development Tools:** Jupyter Notebook, Visual Studio Code, Kaggle, Cursor
- DevOps:** CICD, Docker, Github Actions, AWS, GCP, DigitalOcean
- Soft Skills:** Team lead, Project lead, Problem-Solving, Critical Thinking, Teamwork, Communication

EXPERIENCE

- Linearloop Pvt Ltd — BetterBugs** Ahmedabad, India
AI/ML Engineer — Founding AI/ML Engineer
May 2024 - Present
 - Audio-based AI Project:** Developed an audio-based AI project, deploying the Whisper diarization model on a server for speech-to-text with speaker identification, including word and sentence timestamps.
 - AI-powered Bug Tracking System:** Built an AI-powered bug tracking system integrated with the MCP (Model Context Protocol) and OAuth authentication, enabling agents to reproduce, analyze, and resolve bugs faster using AI suggestions.
 - Django-based CRM Project:** Leading the development of a full-stack CRM system using Django (Python) and AngularJS, managing both backend architecture and frontend implementation.
 - AI/ML Research & Development:** Collaborated with cross-functional teams on AI/ML R&D initiatives to design and prototype innovative AI-driven solutions.
 - Solution Engineering & Client Consultation:** Provided AI and full-stack solutioning support to prospects and leads, translating business requirements into technical strategies.
 - Intern Mentorship:** Trained and guided AI/ML interns through hands-on learning, code reviews, and project-based mentorship to enhance their technical skills.
- Linearloop Pvt Ltd** Ahmedabad, India
AI - ML Intern
Jan 2024 - May 2024
 - Internship Projects:** Assisted in AI-powered bug tracking and machine learning model development. Contributed to data scraping and preprocessing solutions for marketing automation.

PROJECTS

- Mobile Application for Dance Analysis:** Developed an AI backend (Django API) for a dance analysis mobile app. Integrated features such as real-time dance performance analysis, improvement suggestions, AI avatars, text-to-speech, speech-to-text, and secure payment gateway integration.
- Django-based CRM System:** Built and upgraded a full-stack CRM platform using Django (backend) with Angular and Vue (frontend). Enhanced it with features like customer management, sales tracking, and seamless integration with third-party services.
- AI Lead Bundle & Outreach Platform:** Created an AI-powered module to generate targeted lead bundles from queries, websites, or products. Automated email outreach campaigns with personalization, tracking, and follow-ups to improve lead conversion.
- Edge Computing Deployment:** Optimized and deployed YOLO-based object detection and face recognition models on Radexa Zero 3 (RK3566) using TensorFlow Lite and NPU acceleration for real-time edge inference.
- AI Calling System:** Developed a Django-based AI-driven calling application where users can enter a single mobile number or upload a CSV file to automate calls. The AI interacts with recipients, confirms email IDs, schedules meetings, and sends follow-up emails.
- Financial RAG Chatbot:** Engineered a retrieval-augmented generation chatbot using vector databases to handle financial domain-specific queries with high contextual accuracy.
- WhatSales Bot:** Developed a smart lead assistant chatbot to automate sales conversations, qualify leads, and improve response rates. Designed for fast integration with CRM tools.

ACHIEVEMENTS

- Above and Beyond Certificate:** Linearloop, January 2025 - Recognized for assisting the frontend team with client-required animations using AI technologies.
- Jugaad King Award:** Linearloop, June 2024 - Awarded for innovative data sourcing and boosting lead generation efforts.

CERTIFICATIONS

- Operationalize Generative AI Applications:** FMOps/LLMOps, June 2024
- ChatGPT Prompt Engineering for Developers:** June 2024
- Reinforcement Learning From Human Feedback:** June 2024
- Data Visualization: Empowering Business with Effective Insights:** Tata Group, 2023
- Python & IoT Perspective:** Panjab University & MEITY Gov. of India, 2021