

# Pranav Kodlinge

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## EDUCATION

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- **Pune Institute of Computer Technology (PICT)** Pune, Maharashtra  
*Bachelor of Engineering, Electronics and Telecommunication; GPA: 9.51* 2023 – Present

## EXPERIENCE

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- **Enthral AI** Pune, India  
*AI Engineer* July 2025 – Present
  - **GenAI Presentation Generator:** Built enterprise-grade pipeline using LangChain + Groq LLM to generate McKinsey-style presentations from topics with structured outlines, insights, bullets, and chart JSON.
  - **Dynamic Chart + Image System:** Implemented automated chart rendering (bar, line, pie, scatter, stacked) and AI-powered image retrieval using Google CSE + Unsplash fallback with aspect ratio correction.
  - **Template + Branding Engine:** Designed reusable PPT styling framework with custom color palettes, typography, layouts, and branded headers/footers.
  - **PPT → SCORM Pipeline:** Built full SCORM conversion with AI narration (Groq + svaraTTS), multilingual TTS, auto MCQs with distractors, and H5P flashcards. Enabled end-to-end LMS packaging.
  - **Outcome:** Reduced course development time from weeks to hours with a complete AI-powered automation suite.
- **PICT, Pune** Pune, India  
*AI Researcher* Feb 2024 – Present
  - **Indian Sign Language Translation:** Developing a real-time ISL → Text system using CNNs, OpenCV, and NLP; drafting publication.
  - **Prototype:** Built bidirectional communication module for accessibility use-cases.
- **Vodafone Idea Foundation** Remote  
*Data Analyst* Oct 2024 – Nov 2024
  - **Analytics + ML Models:** Performed customer data analytics; built dashboards and churn prediction models.
  - **ML Improvements:** Improved predictive accuracy for service quality metrics.

## PROJECTS

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- **AutoAgent (June 2025 – Present):** Browser automation AI agent using LangChain + Groq + Playwright with Notion/Firestore memory. Handles autonomous research and workflow execution.
- **GPT-4o Research Agent in LangGraph (April 2025):** Built multi-agent research system combining arXiv API, RAG, and structured search for automated research briefs.
- **Sign Language Translator (Feb 2024 – Present):** Real-time Indian Sign Language → Text translator using CNNs, OpenCV, and NLP.

## ACHIEVEMENTS AND RESPONSIBILITIES

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- **Co-Founder, PICT Nakshatra:** Finalists in Model Rocketry Competition by InSpace + ISRO. Led Ground Control System, built from scratch completely competition focused
- **Research Publication:** Forthcoming academic paper on Indian Sign Language Translation Systems.

## SKILLS

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- **Programming:** Python, Java
- **AI/ML:** Transformers, RAG, embeddings, NLP, computer vision
- **GenAI:** LangChain, LangGraph, LLMs, prompt engineering
- **EdTech:** SCORM packaging, H5P, AI narration (TTS)
- **Tools:** Playwright, ChromaDB, Notion SDK, Google APIs, Git, CI/CD