

# CHINMAY PISAL

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## SUMMARY

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Driven by a passion for innovation, I thrive on developing new ideas and turning them into reality through hard work and collaboration. With a deep interest in AI-driven technologies, I am constantly learning and adapting to advancements in Generative AI, and cloud computing. Skilled in creating innovative solutions and automating workflows, I aim to enhance efficiency through intelligent systems. Eager to contribute to groundbreaking AI projects, I strive to push the boundaries of technology alongside talented team members.

## EDUCATION

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### University of Europe (UE)

Masters - Software Engineering

Spandau, Berlin

Sep. 2024 – Mar 2026

### D. Y. Patil College of Engineering Technology

B.Tech - Computer Science - 7.2 CGPA

Kolhapur, India

June. 2020 – June 2024

## EXPERIENCE

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### Intern

Zanvar Group of Industries

Nov 2023 – May 2024

Zanvar Group , Kolhapur

- Spearheading the development of the Tool Tracking System, leading a dynamic team of 3 developers.
- Innovatively designed and implemented a comprehensive tracking solution to combat theft and enhance product security.
- Continuously monitoring and tracking high-value tools, resulting in a substantial reduction in losses due to theft.

### Intern

Igap Technologies

Sep. 2022 – Dec 2022

Kolhapur, India

- Engaged in an intensive AI-ML internship, gaining hands-on experience in machine learning algorithms.
- Contributed to the development of a car price prediction system, collaborating closely with a team.
- Acquired practical knowledge in implementing machine learning models, data analysis, and model evaluation.
- Demonstrated strong problem-solving skills by addressing challenges during the development and testing phase

## PROJECTS

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### Elevare (AI Email Client) | LLM, Python, FastAPI, Next.js, VectorDB, RAG

Jan 2020 – June 2024

- Developed a web-based solution to streamline email management using advanced Large Language Models (LLMs).
- Automated summarization, generated intelligent replies, and categorized emails to enhance user efficiency.
- Integrated custom knowledge sources for personalized responses using RAG and supported global communication through bidirectional translation.
- Implemented AI-driven email summarization and auto-drafted responses, reducing manual reply time and improving productivity.
- Integrated custom knowledge sources (e.g., PDFs, websites) to generate context-aware replies based on industry-specific needs.
- [github Repo](#) - [Linkdin Post](#)

### Fine Tuning LLM (DeepSeek-R1) - Synthetic Data generation | LLM, RAG, LoRa, LangChain

Jan 2025 – Feb 2025

- A document scraper that extracts text from structured documentation From CrewAI Documentation.
- A synthetic question generator that creates high-quality training data.
- A synthetic answer generator using Retrieval-Augmented Generation (RAG)
- A fine-tuning pipeline using LoRA to efficiently adapt LLMs to new domains
- [github Repo](#) - [Huggingface](#)

### **Tool Tracking System (Anti Theft)** | *Django, PostgreSQL, RESTAPI, CI/CD*

Nov 2023 – May 2024

- The primary objective of the system was to combat theft and improve product security.
- By meticulously tracking each product, the organization was able to successfully reduce losses caused by theft by 90 %
- This initiative significantly enhanced the security and profitability of the organization, allowing them to continuously monitor expensive tools.
- Reduced theft losses by 90 ,Continuous monitoring of expensive tools.
- [github Repo](#) -[Linkdin Post](#)

### **AI Chatbot Platform (Student LLM)** | *FastAPI, Flask, LLM, MongoDB, langgraph*

Mar 2025 – in progress

- Developed a scalable AI chatbot platform using FastAPI and Flask for dynamic, context-aware conversations.
- Implemented user authentication via Google OAuth 2 and utilized MongoDB for user sessions and chat history.
- Integrated intelligent search and discovery features such as location search, news search, and flight search.
- Built a modular backend architecture to allow easy future expansion and integration with multiple clients.
- [GitHub Repo](#)

### **Behalf (LLM Agent)** | *crewAi, RAG, LLM, Flask, Python*

Jan 2025 – in progress

- Behalf,LLM agent for multilingual communication and negotiation automation
- Crew AI, LangChain, OpenAI Whisper, Eleven Labs TTS, and DeepSeek LLM for seamless task execution
- Enabled real-time language translation, negotiation, and task completion on behalf of users
- ngineered a system for natural and effective cross-language interactions in business and personal scenarios.
- [github Repo](#)

## CERTIFICATIONS

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### **AWS Academy Graduate - AWS Academy Cloud Architecting** | *AWS* | [Link](#)

- Completed AWS Academy Cloud Architecting, gaining hands-on experience with AWS solutions and cloud infrastructure.

### **Cybersecurity Internship - Palo Alto (Virtual)** | *Palo Alto Networks* | [Link](#)

- Acquired practical knowledge in cybersecurity threat detection, firewalls, and network security best practices.

### **AWS Academy Graduate - AWS Academy Cloud Foundations** | *AWS* | [Link](#)

- Learned foundational AWS concepts, including cloud computing, storage, networking, and security.

### **Cybersecurity Fundamentals - IBM SkillsBuild** | *IBM* | [Link](#)

- Gained an understanding of cybersecurity principles, risk management, and threat mitigation strategies.

## AWARDS

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### **Winner Rational Programming Contest** | *GDSC* | [Link](#)

- Google Developer Student Club DYP CET • 2023

## SKILLS / INTERESTS

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**Languages:** Python, C/C++, SQL (Postgres), Java, JavaScript, HTML/CSS

**Frameworks:** Langchain, Node.js, Flask, Django, , , FastAPI, Selenium,

**Tools:** Git, Docker, Google Cloud Platform, AWS, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Soft Skills:** Problem-Solving, Creative/deep Thinking, Photography, Meditation, Travel