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Summary

Python-native software engineer with experience building internal tools, cloud-native pipelines, and developer-facing systems. Exploring **Rust** for performance-aware tooling and backend infrastructure. Comfortable owning ambiguous problems and turning prototypes into reliable production systems.

Experience

AI Developer Intern	Across The Globe	Aug 2025 - Present
<ul style="list-style-type: none">Optimized performance of the Slide Creation Node (SCN) engine by introducing parallel processing, reducing execution time by ~30% for AI-driven content generation workflows on AWS Lambda.Stabilized and improved reliability of a core visualization pipeline component used across the product, enhancing production stability and developer confidence.Architected backend routing logic to dynamically select execution paths based on course metadata and programming language, improving scalability and maintainability.Developed internal automation tooling, including a Markdown-to-PDF documentation generator, accelerating documentation workflows for the product team.Led and mentored a sub-team of 2 interns, driving task breakdown, implementation reviews, and production issue resolution.		

Projects

Content Automation Pipeline	Python, Langchain, Gemini AI
<ul style="list-style-type: none">Built an automated pipeline that ingests source content, applies structured transformations, and persists results using a relational database.Designed with a human-in-the-loop approval flow to balance automation and correctness.Reduced manual content preparation effort by up to 70%.	
Digital Asset Management System	Python (FastAPI), SQLAlchemy, PostgreSQL
<ul style="list-style-type: none">Designed a metadata-driven image storage and retrieval system using PostgreSQL, enabling indexed queries by attributes such as location and category.Implemented a clean backend API with FastAPI and SQLAlchemy, focusing on extensibility and maintainability.	
WhatsApp Chat Analytics	Python, Streamlit, Pandas
<ul style="list-style-type: none">Built a data processing pipeline to convert raw chat logs into structured datasets for analysis and visualisation.Delivered insights through a Streamlit dashboard, reducing analysis time from hours to minutes.	

Education

Degree	Institution	Year	Score
B.E. Computer Engineering	Pune Institute of Computer Technology	2023 - 2027	CGPA 9.2
Class XII	Global Public School, Nashik	2021 - 2023	80%
Class X	Ryan International School, Nashik	2021	90%

Skills

Programming Languages:  Python,  TypeScript,  Rust,  SQL

Tools & Technologies: FastAPI, SQLAlchemy, PostgreSQL, LangChain, Docker, Git, AWS (Lambda)

Achievements

Team Lead, GDG Hackathon 2025

2025