

RAHUL ADAGALE

Software Engineer | Python Full-Stack & AI

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PROFESSIONAL SUMMARY

Software Engineer at Fidel Softech Pvt. Ltd. with 2+ years of experience in Python Full-Stack Development, backend systems, REST APIs, automation, and AI-powered applications. Hands-on experience with FastAPI, Django, React, MySQL, LangChain, LangGraph, RAG, LLMs, and AI Agents. Experienced in building end-to-end solutions from requirement gathering and solution design to development, integration, testing, and deployment.

EXPERIENCE

Software Engineer | Fidel Softech Pvt. Ltd.

Jan 2024 – Present

Pune, Maharashtra

- Developed Python Full-Stack applications and RESTful APIs using FastAPI, Django, React, and MySQL, implementing authentication, validation, exception handling, and modular architecture.
- Developed Generative AI and Agentic AI applications using LangChain, LangGraph, RAG, Ollama, OpenAI APIs, and LLMs.
- Built an AI Chat Application supporting local and cloud LLMs, dynamic model selection, conversational AI, streaming responses, and vision-capable models.
- Developed an AI-powered IT Support Agent using LangGraph and RAG for issue classification, contextual response generation, ticket creation, and escalation workflows.
- Built AI-powered Text-to-Speech applications using FastAPI, React, ElevenLabs, and TTSMaker APIs.
- Developed automation and web scraping solutions using Python, Selenium, BeautifulSoup, Regex, and data-processing libraries for structured and unstructured data.
- Worked across the complete development lifecycle, including requirement gathering, solution design, development, API integration, testing, debugging, and deployment.

Python Developer Intern | Fidel Softech Pvt. Ltd. (formerly LinguaSol)

Jul 2023 – Dec 2023

Pune, Maharashtra

- Contributed to Python application development, debugging, and enhancement of internal software solutions.
- Assisted in feature development, bug fixing, and code reviews under the guidance of senior developers.
- Developed Python scripts to automate repetitive development tasks and improve workflow efficiency.
- Gained practical experience in backend development, software lifecycle management, and production workflows.

SKILLS

- **Programming:** Python, JavaScript (ES6), SQL
- **Backend & APIs:** FastAPI, Django, REST APIs, SQLAlchemy, Django ORM, Pydantic, JWT Authentication, Uvicorn
- **Frontend:** React.js, Next.js, HTML5, CSS3
- **Databases & Caching:** MySQL, PostgreSQL, MongoDB, Redis
- **Generative AI & Agentic AI:** LangChain, LangGraph, LangSmith, RAG, LLMs, AI Agents, Ollama, OpenAI API, Hugging Face, Transformers, Prompt Engineering, Vector Databases
- **Automation & Data Processing:** Pandas, NumPy, Selenium, BeautifulSoup, Web Scraping, Regex
- **Testing & DevOps:** Postman, Pytest, Unit Testing, Git, GitHub, GitLab, Docker, CI/CD, Linux

PROJECTS

AI Connect Application - FastAPI, React, Ollama, OpenAI API, LangChain, MySQL

- AI chat platform integrating local and cloud LLMs with streaming responses and dynamic model selection.

AI Support Agent - FastAPI, LangGraph, LangChain, RAG, SMTP, Vector Database

- Agentic IT support system for issue classification, contextual responses, ticket creation, and escalation.

EDUCATION

B.Sc. Computer Science

Modern College of Arts, Commerce & Science, Pune

July 2021 – Apr 2023

CGPA: 8.25