

KARTHIK DILEEP

Full Stack Engineer

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CAREER SUMMARY:

Full Stack Engineer with 2 years of experience building scalable applications using Python, FastAPI, JavaScript, React, PostgreSQL, AWS, and GCP. Experienced in microservices, distributed systems, API development, and Agentic AI applications using LangChain, Agno, MCP servers, and LLM orchestration workflows

WORK EXPERIENCE:

Devmani Traders Pvt. Ltd.

Full Stack Engineer | July 2025 – Present

- Engineered Agentic AI systems using LangChain, Agno, MCP servers, workflow automation, and multi-agent architectures to build intelligent, context-aware applications and integrations.
- Integrated BSE SOAP and REST APIs to enable seamless end-to-end transaction workflows within a modern microservices architecture.
- Delivered scalable full-stack applications by building backend microservices, automated data pipelines, and responsive interfaces while ensuring reliability, performance, and cloud scalability across distributed systems.

S2 Data Systems Pvt. Ltd.

Associate Software Engineer | June, 2024 – June, 2025

- Built scalable, asynchronous backend systems with secure authentication and background processing, enabling efficient handling of long-running and high-throughput workflows.
- Developed modular and responsive user interfaces, improving usability, state management, and overall application maintainability.
- Designed extensible system architectures and integrated real-time data pipelines, while automating infrastructure to support scalable and reliable deployments.

RELEVANT PROJECTS:

EXL Services

Data Engineer | September 2024 – December 2024

- Modernized a legacy data warehouse by building scalable Python-based ETL pipelines on AWS Redshift, enabling unified and efficient analytics.
- Improved reliability and data integrity by orchestrating quality checks with Apache Airflow and implementing monitoring and alerts using CloudWatch and SNS.

SKILLS:

- Languages: Python, JavaScript, SQL
- Technologies: FastAPI, Flask, React.js, SQLAlchemy, PostgreSQL, MongoDB, Redis, Kafka, AWS, GCP, Docker, Pulumi, Nginx, Reverse Proxy, Git, REST/SOAP APIs, MCP Servers, LangChain, Agno, Selenium, BeautifulSoup.

EDUCATION:

2020 – 2024 | MIT ADT University, Pune

Bachelor of Technology – Computer Science Engineering