



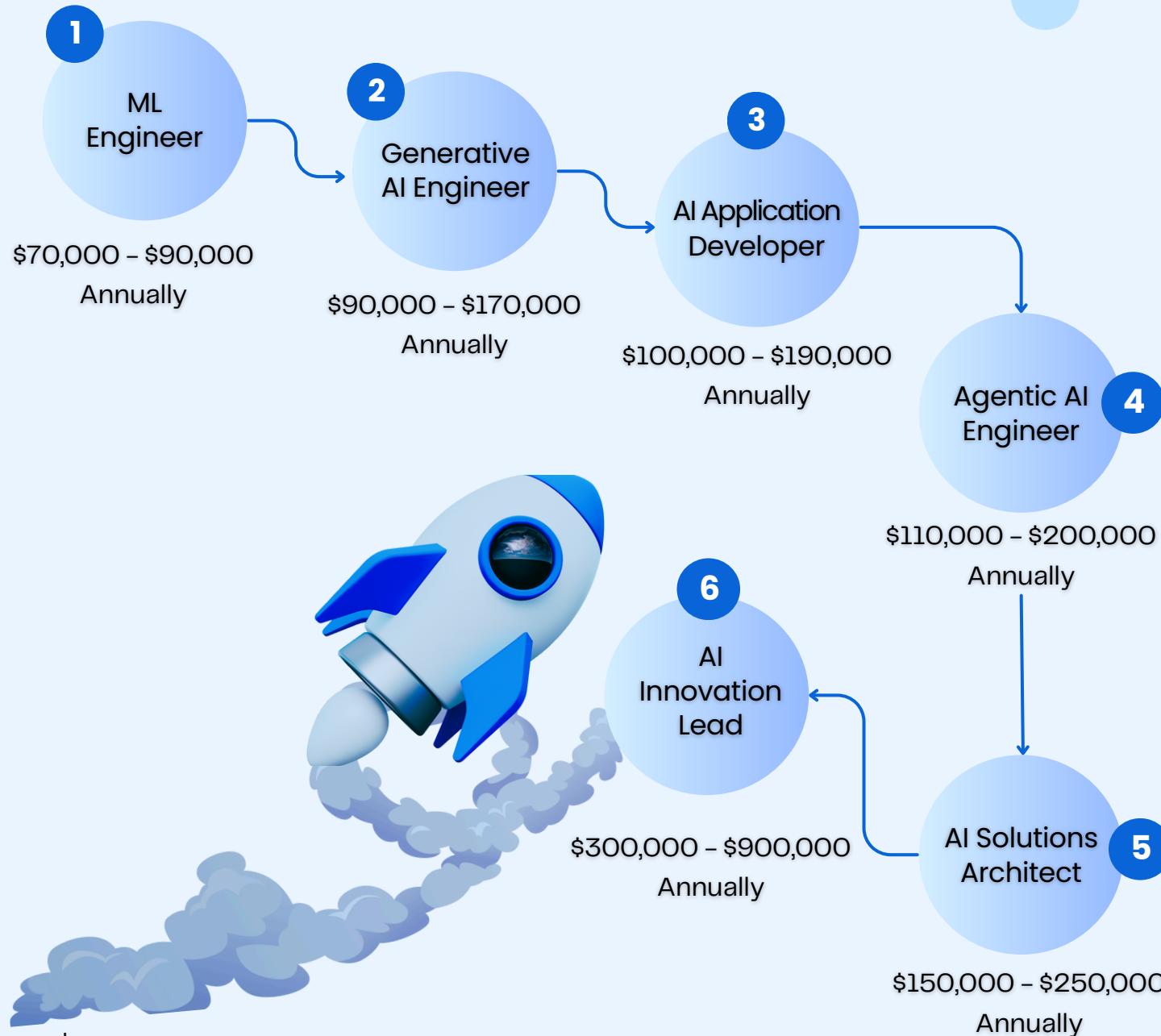
SKILLFYME
Empowering your success

GEN-AI WITH MACHINE LEARNING MASTER PROGRAM

[Enroll Now!](#)

www.skillfyme.com

Current Market Trends



Skillfyme Training Benefits



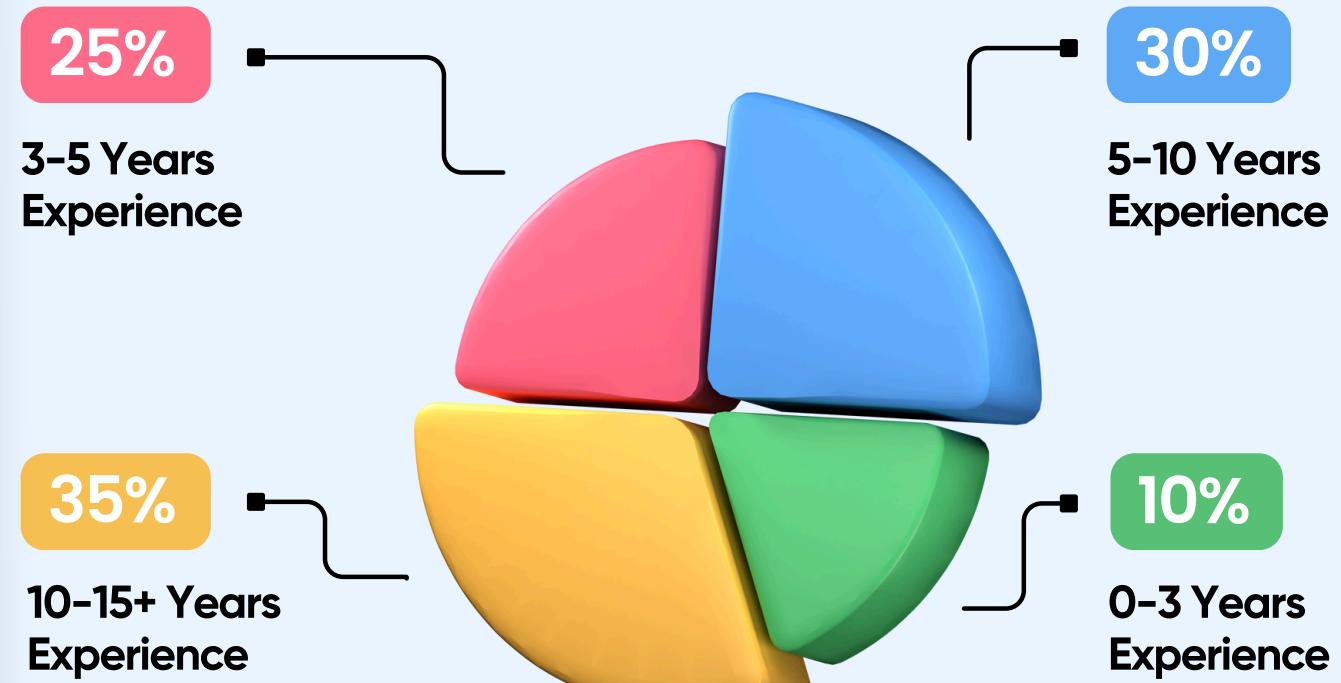
Guided to Precision, Aimed for Excellence!

Just like a skilled coach sharpens an archer's precision, our platform ensures you with the best training to achieve your career goals.



How Do We Create Batches ?

- Diverse Skill Levels:** Our batches include participants from beginners to advanced levels, ensuring a rich learning environment.
- Experience-Based Grouping:** We strategically group students based on their prior experience to maximize peer learning and engagement.
- Customized Curriculum:** The training content is tailored to meet the varying needs and proficiency levels of all students.
- Interactive Learning:** We provide a collaborative learning atmosphere where experienced students can mentor beginners, enhancing overall understanding.
- Comprehensive Support:** Personalized support is available for all skill levels to ensure every student can successfully grasp DevOps concepts.



Skillfyme Highlights

Reach New Peaks in Your Career! Our Gen-AI with ML program gives you the roadmap to ascend the career ladder with confidence and expertise.

Career Advancement

000



Focus your energy on the most important and urgent tasks first, leading to more effective results.

01

Industry Recognition

000



Focus your energy on the most important and urgent tasks first, leading to more effective results.

02

Enhanced Skill Set

000



Set clear and measurable goals to stay focused and directed in completing tasks.

03

Performance Boost

000



Set clear and measurable goals to stay focused and directed in completing tasks.

04

Networking Opportunities

000



Work on one task at a time to improve productivity and reduce errors.

05

Hands-On Learning

000



Work on one task at a time to improve productivity and reduce errors.

06

Program Highlights

Highlights That Point You to Success! From hands-on projects to cutting-edge tools, explore the highlights that make our Gen-AI with ML course your ultimate career guide.



Future of Generative AI & ML

The Race is On! The future of Generative AI is not a marathon; it's a series of explosive sprints, where each bend in the track reveals a new frontier of autonomous creation and human-machine collaboration.



97M Opportunities

The World Economic Forum forecasts AI and ML will create 97 million new jobs by 2025, with the tech sector leading this transformative shift.



\$1.5 Trillion

The generative AI market is racing toward a projected valuation of \$1.5 trillion within the next decade - Bloomberg



\$170K Salary

Generative AI expertise commands a premium, with an average annual salary of \$170,800 for engineers - Glassdoor.

Industry Trends

The pace is relentless. Adaptation is survival.



24.4%

The global Generative AI market is projected to sustain a robust compound annual growth rate (CAGR) from 2023 to 2030.



\$667.9 BN

The generative AI market is on a trajectory to reach a staggering \$1.3 trillion by 2030.

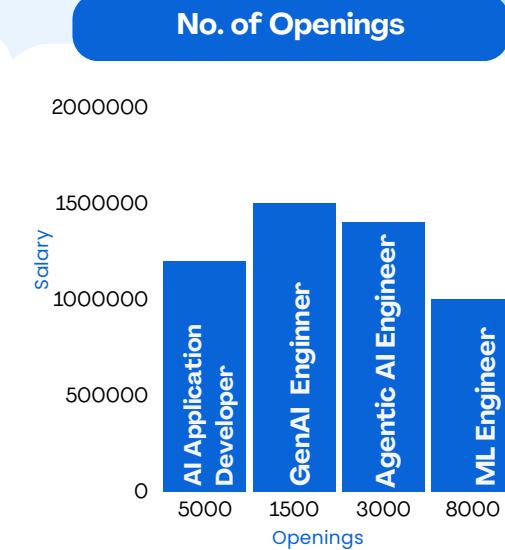
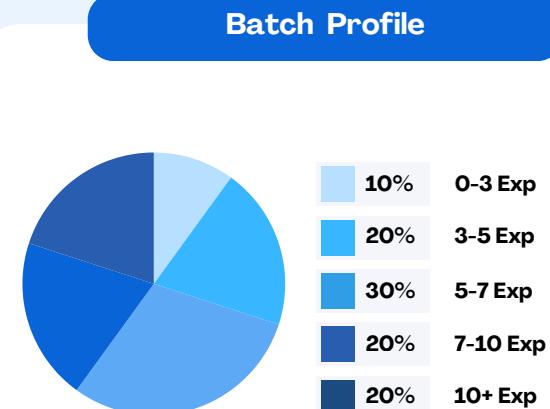
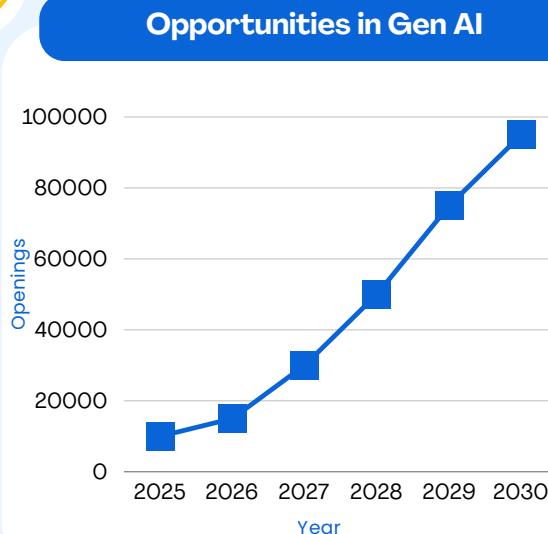


\$4.4 Trillion

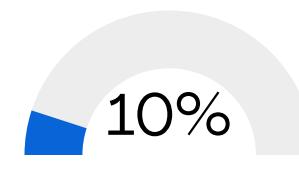
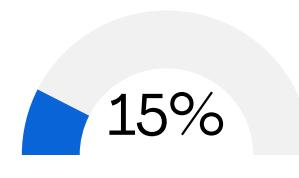
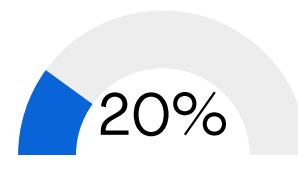
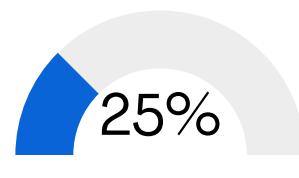
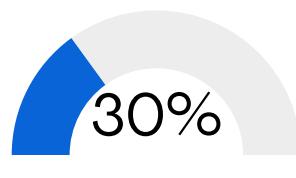
Generative AI is projected to inject \$2.6 trillion to \$4.4 trillion annually into the global economy.



GenAI with ML Insights



Technologies in Demand



GenAI Opportunities Across Globe

India

18%

USA

42%

Europe

27%

Africa

3%

Others

10%

Program designed for

Sky's the Limit, Land in Excellence! Whether you're a fresher, sysadmin, or DevOps pro, our GenAI program ensures you're equipped to land where you belong!

DevOps
Practitioners



System
Administrators



Cloud
Professionals



Solution
Architects



Cloud
Architects



ML
Engineers



SRE



Technical
Architects



Release
Engineers



Data
Scientists



Technical
Leads



Freshers



Career Assistance

COMPENSATION NEGOTIATIONS

Receive expert guidance on negotiating compensation to match market rates



JOB INTERVIEWS

Referring to job interview opportunities through job portals



ADVANCED MOCK INTERVIEWS

Inviting candidates who passed prior stages for further mock Interviews as per Job description provided for the role



CONDUCTING INITIAL MOCK INTERVIEWS

Conducting initial mock interviews to evaluate candidates' technical skills .

HURRAY!!

You are ready for your new opportunities in real world.



JOB ROLES UNDERSTANDING

We'll understand your job role requirements and recommend the role based on experience and the market.



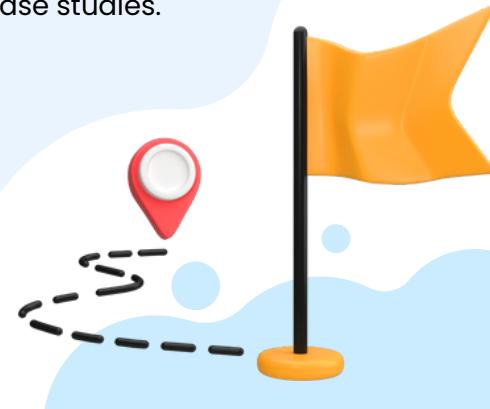
RESUME BUILDING

We will build more than 3 Resumes specifically tailored to job roles and keywords for easy shortlisting.



LINKEDIN PREPARATION

Improving your LinkedIn profile and visibility with relevant keywords, highlighted projects and case studies.



Course Content

01

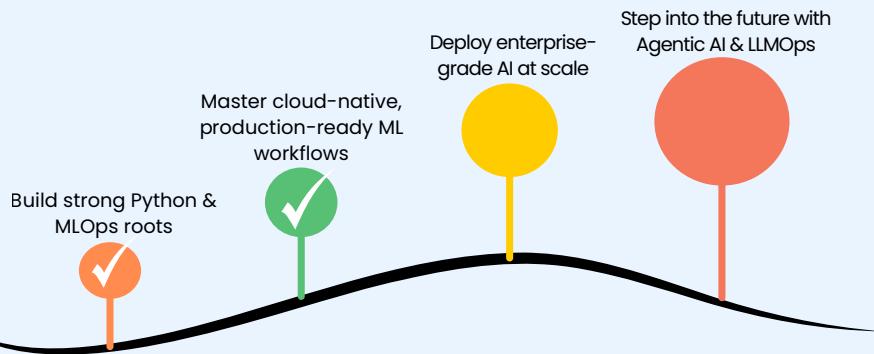
Python & Statistics Essentials for Gen AI & Machine Learning

- Python Programming Fundamentals
- Data Structures, Control Flow, and File Operations
- Functions, Object-Oriented Programming, and Exception Handling
- Data Analysis and Visualization

02

Applied Machine Learning

- Data Pre-processing and Feature Engineering
- Supervised Learning – Regression
- Supervised Learning – Classification
- Unsupervised Learning
- Clustering Algorithms & Dimensionality Reduction
- Ensemble Learning



Course Content

03

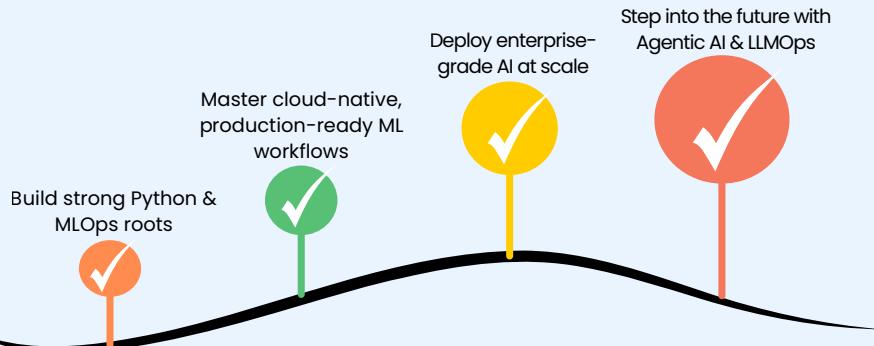
Deep Learning & Neural Network Architectures

- Neural Networks & Deep Learning Foundations
- Tuning & Optimizing Deep Neural Networks
- Convolutional Neural Networks – I
- Convolutional Neural Networks – II

04

Natural Language Processing (NLP)

- Introduction to NLP, Text Processing & Feature Engineering
- Named Entity Recognition (NER) & Parsing
- Tokenization & Text Encoding & Sentiment Analysis Essentials
- Advanced Sentiment Analysis
- Neural Language Models & Machine Translation
- Speech & Multimodal NLP



Course Content

05

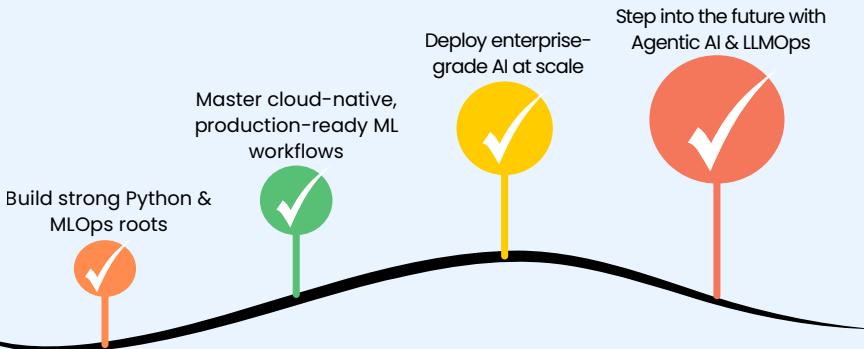
Generative AI Essentials & Prompt Engineering

- Introduction to Generative AI
- Autoencoders & GANs & Transformers & Attention Mechanism
- Small Language Models
- Prompt Engineering Essentials with Advanced Prompting Strategies

06

LLM-based Application Development

- Introduction to Large Language Models (LLMs)
- Open Source LLMs & Model Variants
- Vector Databases & Retrieval-Augmented Generation (RAG) Techniques
- LLM Frameworks & Application Development with Fine tuning & Model Adaptation
- Generative AI Application Deployment
- LLM Caching & Routing Techniques, Evaluation, Metrics, & Responsible AI for LLMs

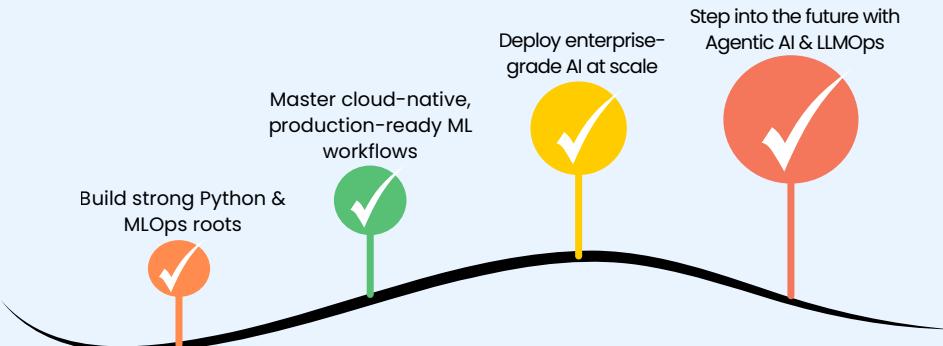


Course Content

07

Agentic AI & LLMOps for Scalable AI Systems

- Agentic AI Essentials
- Architectures & Design Patterns
- Working with LangChain & LCEL
- Building AI Agents with LangGraph
- Implementing Agentic RAG
- Developing AI Agents with Phidata
- Multi-Agent Systems with LangGraph & CrewAI
- Advanced Agent Development with Autogen
- AI Agent Observability & AgentOps
- RAG Architecture with Vector DBs
- Continuous Integration, Deployment & Scaling LLMs((CI/CD & Scaling))



Tools Covered

Every stroke takes you closer to mastery. From data pipelines to deployment, monitoring to scaling—discover the ecosystem of tools like LangChain, Hugging Face, MLflow, Kubeflow, and Vector DBs, and learn to kayak smoothly through the waves of modern GenAI & MLOps.



Projects

From liftoff to landing, master the tools that power the Gen AI & ML universe. Explore Hugging Face LLMs, LangChain, FastAPI, Docker, Streamlit, and beyond in our comprehensive Projects.



Retail Sales Prediction using Regression

Develop a predictive model that estimates future retail sales using historical data with regression.

Workflow

Data preprocessing → feature engineering → regression models → model evaluation

Tools & Technologies

Python, Pandas, Scikit-learn, Matplotlib



Image Style Transfer (Deep Learning & Autoencoders)

Apply artistic styles to images using CNNs, autoencoders, or GANs for creative visual transformations.

Workflow

CNN-based transfer learning + autoencoder/GAN variant for artistic rendering

Tools & Technologies

TensorFlow/Keras, PyTorch, OpenCV



Enterprise-Grade RAG Chatbot with Multi-Source Data Integration

Production chatbot that ingests multi-source data, uses hybrid search, and deploys at scale.

Workflow

Data ingestion → Embedding generation → Hybrid search → RAG pipeline

Tools & Technologies

Hugging Face LLMs, LangChain, FAISS/Weaviate, FastAPI, Streamlit



Multi-Agent Research & Workflow Automation System

Intelligent multi-agent system for research, summarization, code generation, and testing.

Workflow

Define agent roles → Orchestration → Inter-agent communication → Monitoring → Deployment

Tools & Technologies

LangChain, LangGraph, CrewAI, Autogen, Phidata, Streamlit, Docker



Success Starts Here!

Offers Our Alumni Climbed For!

Our graduates are reaching the pinnacle of success, securing positions at top organizations around the globe. From innovative tech giants to trailblazing startups, our alumni have conquered career peaks, proving the transformative impact of our programs. Join us, and let us guide you to the summit of your professional journey!



What Our Alumni speaks?

Google Riju Roy

Reviews 

Skilfyme's DevOps training significantly upgraded my skills, boosting confidence in implementing automation tools, cloud services and continuous integration.

Recommendation: Highly recommend Skilfyme's DevOps training for professionals seeking to elevate their expertise.



Google Aman Deep

Reviews 

I completed the DevOps AI course. The trainer was really good, and the LMS was easy to use. I learned a lot, and the curriculum has helped me in my current project. The course was fun and interactive. All the classes were live, making it a good hands-on course. It's the best way to learn this stuff. Thank you!



Google Manisha Mishra

Reviews 

Class Quality is good
Placement is decent but slow, they committed for 1 year so still going on.

Support team helps when needed.
Faculty are best in this program.



Google Md. Younis Khan

Reviews 

I enrolled in the recent batch of Sep 24 after giving it a long thought as i was quite skeptical at first since I had enrolled previously in DevOps courses from other content providers and had a really bad experience. But at Skillfyme it has been a different experience believe me the content is vast and detailed. Instructor (Sonal) is the best and support is awesome.



Google Akshat Trivedi

Reviews 

The course is supportive, trainers are ready to help and are knowledgeable. Value for money.

I learned devOps from this course. I highly recommend it.



Google Rakshit Kumar

Reviews 

The faculty, the program manager and the mentors are super nice and supportive. Any questions are well and quickly responded. I am really appreciated and glad to join the program at Skillfyme.



About Us!

At Skillfyme, we prioritise building robust technical skills, enhancing problem-solving abilities, and fostering critical thinking through hands-on learning experiences. Our instructor-led courses are tailored to equip you with the practical knowledge and skills needed to thrive in today's competitive job market.

Transform your career with Skillfyme!



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