

■ Developer Playbook 2025 — Skills & Tools Checklist

Stay ahead in 2025 with this practical checklist covering the essential trends for developers: Agentic AI, Secure Coding, Supply-Chain Security, MLOps, Edge AI, and Low-Code/No-Code Development. Use this as a step-by-step roadmap to build your skills and track progress.

Category	Action Item	Priority
Agentic AI	Experiment with AI agents like Devin AI, LangChain, or AutoGPT in a small project.	High
Agentic AI	Practice prompt engineering to guide AI effectively.	High
Secure Coding	Study OWASP Top 10 and apply secure coding principles.	High
Secure Coding	Integrate automated code scanning tools: Snyk, Trivy, GitHub Advanced Security.	High
Supply Chain Security	Regularly scan all dependencies and third-party packages.	Medium
Supply Chain Security	Document all components using SBOM tools.	Medium
MLOps	Implement basic CI/CD pipelines for AI models and automate retraining.	Medium
MLOps	Monitor model performance and manage versioning.	Medium
Edge AI	Optimize AI models for on-device deployment (TensorFlow Lite, ONNX Runtime).	Medium
Edge AI	Apply privacy-preserving techniques for sensitive data.	Medium
Low-Code / No-Code	Build apps using platforms like Mendix, OutSystems, or Power Platform.	Medium
Low-Code / No-Code	Add custom logic securely and audit workflows.	Medium

■ Tip: Review this checklist regularly and mark completed items. This will help you stay current with 2025's tech trends and become a more effective, future-ready developer.