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Programming Languages & Frameworks

- **JavaScript / TypeScript**

- **Python (FastAPI, Flask, Django)**

- **Node.js (Express, NestJS)**

- **React / Next.js (App Router, Server Actions)**

- **React Native / Expo**

- **Vue.js**

- **Go / Rust**

- **Docker + Docker Compose**

- **Cursor AI (for collaborative AI development)**

- **Bash scripting & CLI tools**

AI / LLM Platforms & Tools

- **OpenAI GPT-4o / GPT-5**

- **Claude 3.5 Sonnet / Opus (Anthropic)**

- **Gemini 1.5 Pro (Google DeepMind)**

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- **Mistral / Mixtral**

- **Perplexity API**

- **LangChain / LangGraph / CrewAI**

- **Microsoft Autogen / MCP (Model Context Protocol)**

- **Llama 3.2 / Ollama**

- **RelevanceAI / Haystack**

- **Semantic Kernel (Microsoft)**

- **LlamaIndex**

- **RAG pipelines (Retrieval-Augmented Generation)**

- **Function Calling / JSON mode agents**

- **Prompt Engineering & Context Optimization**

- **Multi-Agent Frameworks (CrewAI, Autogen, MCP)**

- **AI Evals & Agent Orchestration (Evals, Phoenix)**

Voice, Speech & Communication

- **Vapi.ai**

- **Retell AI**

- **ElevenLabs Voice**

- **Whisper (Speech-to-Text)**

- **Play.ht**

- **Twilio Voice & Messaging**

- **LiveKit (real-time voice + video)**

- **WebRTC Integration**

- **html5-qrcode / Barcode scanning**

- **Stream Audio + Emotion Detection Models**

Automation & Orchestration

- **n8n (Pro / Self-hosted)**

- **Make.com**

- **Zapier**

- **Airflow / Temporal**

- **CrewAI + LangGraph hybrid orchestration**

- **MCP servers via n8n**

- **Replit / Cursor pipelines**

- **Gumloop**

- **Vercel Cron Jobs / Supabase Edge Functions**

Database & Storage

- **Supabase (PostgreSQL + Auth + Edge Functions)**

- **PostgreSQL / pgvector**

- **Qdrant / Pinecone / Weaviate / Chroma**

- **MongoDB Atlas**

- **Firestore / Firebase**

- **Redis (for caching and sessions)**

- **NocoDB**

- **Google Sheets API**

- **AWS S3 / Backblaze B2**

- **DuckDB / BigQuery (for analytics)**

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Cloud & Deployment

- **AWS (Lambda, Fargate, Bedrock)**

- **GCP (Vertex AI, Cloud Run)**

- **Azure ML / OpenAI Service**

- **Vercel / Netlify**

- **Railway / Render**

- **GitHub Actions (CI/CD)**

- **Docker Hub / Fly.io**

- **Cloudflare Workers / KV / Durable Objects**

🛠️ **DevOps, Security & Governance**

- **OAuth2 / SSO / JWT**

- **Role-Based Access Control (RBAC)**

- **HTTPS + TLS / Audit Logging**

- **API Gateways (Kong / FastAPI routers)**

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- **MLOps (MLflow, Kubeflow)**

- **Data Privacy (GDPR, HIPAA)**

- **Model Monitoring / Logging / Evals**

- **Vector DB security & rate-limiting**

APIs & SaaS Integrations

- **HubSpot / Zoho CRM / Salesforce**

- **FareHarbor / ServiceTitan / Calendly**

- **ClickUp / Notion / Slack / Microsoft Teams**

- **Google Workspace (Docs, Sheets, Gmail API)**

- **Stripe / Razorpay / PayPal SDKs**

- **QuickBooks / Xero / GHL**

- **Meta Ads / Google Ads / TikTok Ads APIs**

- **WhatsApp Cloud API / Twilio**

- **Discord / Telegram Bots**

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Analytics, Insights & SEO

- **Google Analytics 4 / Looker Studio**

- **Notion Dashboards / Supabase Charts**

- **Ahrefs / Semrush / Moz**

- **Hotjar / Smartlook**

- **Google Trends API**

- **ReviewTrackers / Birdeye**

- **Airtable / Trello Integrations**

- **Schema Markup + SEO AI generation**

- **Custom KPI dashboards via Recharts / Plotly**

Media, Image & Content Generation

- **DALL·E 3**

- **Midjourney / Leonardo.ai**

- **Runway ML / Pika Labs**

- **Synthesia / HeyGen / Veed.io**

- **ComfyUI / InvokeAI**

- **Replicate / Fal.ai**

- **Creatomate / ReelFarm (video automation)**

- **Lottie animations / SVG AI tools**

- **Chart & Data Visualization (Recharts / Plotly)**

Emerging & Research Tools

- **Hugging Face Transformers / Spaces**

- **Ollama (local model hosting)**

- **Llama.cpp / Text-generation-webUI**

- **Weights & Biases (experiment tracking)**

- **LangSmith / Evals for LLMs**

- **OpenDevin / AutoGPT / BabyAGI frameworks**

- **AgentKit (for SaaS-deployable agents)**