NEXSKILL

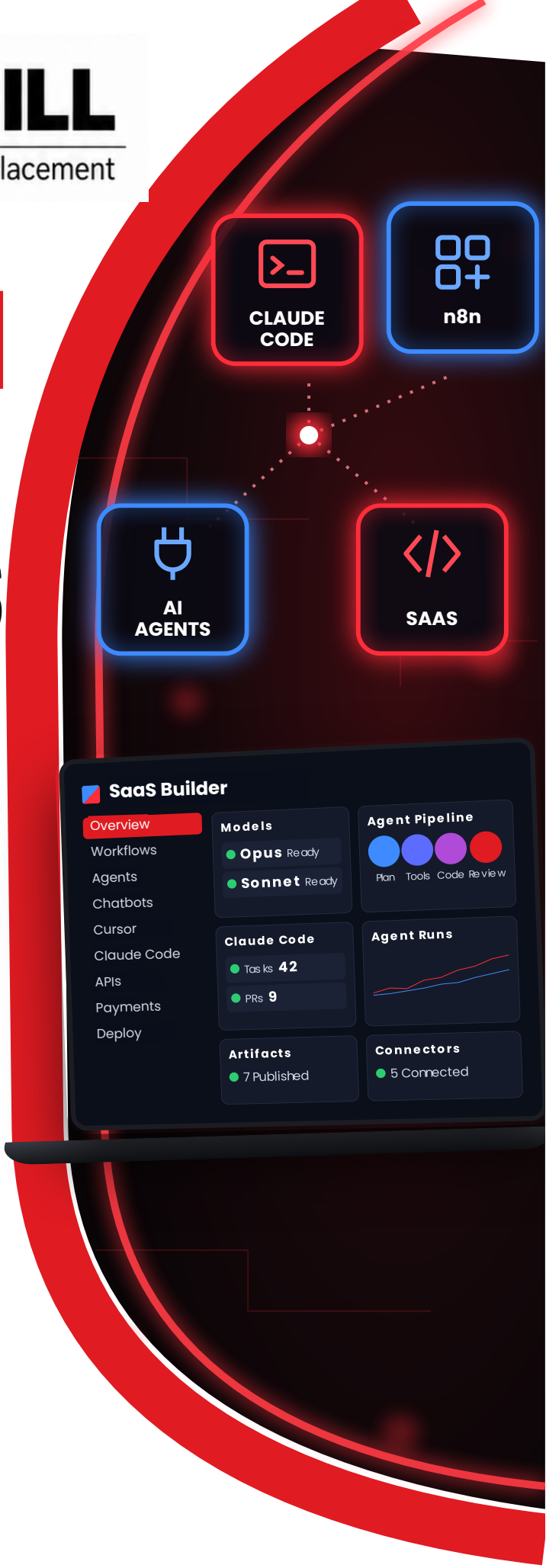
Training • Freelancing • Placement

AI AUTOMATION

& SAAS DEVELOPMENT WITH INTEGRATIONS

MASTER PROGRAM

AUTOMATE. BUILD. LAUNCH.



8 Weeks • 24 Classes • 8 Modules

Claude • n8n • AI Agents • MCP • Cursor • Claude Code • Lovable • Next.js • Supabase • Stripe • Vercel

DURATION

2 MONTHS

Practical • Real-Project Based • Portfolio Focused

3 Classes per Week • Hands-On Labs • Certificate on Completion

INTRODUCTION

ABOUT-THE-PROGRAM

About the Program

Automate businesses with AI, then build, integrate and launch your own AI SaaS.

- **What is AI Automation & SaaS Development?:** AI automation connects apps, data and AI agents so business work runs on its own. SaaS development turns those ideas into real subscription products, built fast with AI coding tools.
- **Why This Program?:** Businesses everywhere want automations, AI chatbots and custom software, and AI tools now make them possible in weeks instead of months. This one program covers both the automation and the product side.
- **What You Will Use:** Claude, ChatGPT, Gemini, n8n, Zapier, Make, WhatsApp API, Cursor, Claude Code, Lovable, Google Stitch, Next.js, Supabase, Stripe, Vercel, Docker and GitHub.
- **Who This Program Is For:** students, freelancers, developers, founders and business owners who want to automate work, build SaaS products or sell AI services. Basic computer skills are enough to start.

MEET YOUR INSTRUCTORS

INSTRUCTOR · 01

Mian Ahmad Basit

Founder, CEO, CTO & Strategic Advisor



- **Leadership:** Founder, CEO, CTO & Strategic Advisor building AI, Cloud & Blockchain companies and products.
- **Program Architect:** Instructor & Program Architect for Nexskill's advanced AI programs; CTO @ PBI & Anz Tech.

50,000+	13+	5
Talent Developed	Years Executive Leadership	Continents Reached

Connect on LinkedIn ↗ linkedin.com/in/mianahmadbasit

MEET YOUR INSTRUCTORS

INSTRUCTOR · 02

Zeeshan Ali

Technical Project Manager at P2P Clouds



- **Expertise:** Software Engineer & Instructor specializing in AI, Blockchain, Cloud & DevOps.
- **Industry Delivery:** Leads real-world AI & SaaS projects at P2P Clouds for clients across Pakistan & the Middle East.

10,000+ Contributions	**500+** Delivered Projects	**5,000+** Students Trained
6+ Years Experience	**3** Continents Active	

Connect on LinkedIn ↗ linkedin.com/in/zeeshan-ali-dev

CURRICULUM MAP

Program Modules

8 WEEKS · 24 CLASSES · 3 CLASSES PER WEEK

- **Module 1 — AI Foundations & the Claude Ecosystem**
  Week 1 · Classes 1–3
- **Module 2 — AI Automation with n8n**
  Week 2 · Classes 4–6
- **Module 3 — AI Agents, RAG Chatbots & MCP**
  Week 3 · Classes 7–9
- **Module 4 — AI-Assisted Coding: Cursor & Claude Code**
  Week 4 · Classes 10–12
- **Module 5 — Building SaaS Products with AI**
  Week 5 · Classes 13–15
- **Module 6 — LLM APIs & AI Features**
  Week 6 · Classes 16–18
- **Module 7 — Integrations, Payments & Deployment**
  Week 7 · Classes 19–21
- **Module 8 — Launch, Business & Capstone**
  Week 8 · Classes 22–24

MODULE 1 — WEEK 1

M1-CLS-1-3

AI Foundations & the Claude Ecosystem

Getting expert results from LLMs before automating anything.

- **Class 1 — LLMs & the Claude Ecosystem:** how LLMs work, Claude, GPT & Gemini compared, choosing models for quality vs speed vs cost, context windows & extended thinking.
- **Class 2 — Advanced Prompt Engineering:** clear instructions & roles, few-shot examples, XML tags, chain-of-thought, prompt chaining, structured outputs.
- **Class 3 — Projects, Artifacts, Skills & Cowork:** Claude Projects & memory, interactive artifacts, custom Agent Skills, Claude Cowork & connectors for real business work.

MODULE 2 — WEEK 2

M2-CLS-4-6

AI Automation with n8n

Automating real business workflows, step by step.

- **Class 4 — Automation Fundamentals & n8n:** triggers, actions & workflows, n8n cloud vs self-hosted, webhooks, JSON & data mapping, Zapier & Make compared.
- **Class 5 — Business Integrations:** Gmail, Google Sheets, WhatsApp, Slack & CRMs, connecting any API with the HTTP node, API keys & OAuth.
- **Class 6 — AI Inside Workflows:** Claude, OpenAI & Gemini nodes, classifying & extracting data, AI content pipelines, error handling, retries & monitoring.

MODULE 3 — WEEK 3

M3-CLS-7-9

AI Agents, RAG Chatbots & MCP

Building assistants that answer, act and connect to business data.

- **Class 7 — AI Agents:** agent nodes, tools & memory, ReAct reasoning, agents that act on business systems, human-in-the-loop approvals.
- **Class 8 — RAG Chatbots:** embeddings & vector stores (Supabase, Pinecone), chunking, grounded answers with citations, WhatsApp & website chatbots.
- **Class 9 — MCP & Connected Agents:** Model Context Protocol, building an MCP server, connecting Claude, Cursor & n8n to tools and data, agent security.

MODULE 4 — WEEK 4

M4-CLS-10-12

AI-Assisted Coding: Cursor & Claude Code

Just enough coding knowledge, with AI doing the heavy lifting.

- **Class 10 — How Web Apps Work:** frontend vs backend, HTML, CSS & JavaScript essentials, REST APIs & JSON, Git & GitHub for version control.
- **Class 11 — Cursor:** AI-first editing, agent mode for multi-file changes, @-mentions & codebase context, Cursor rules, connecting MCP servers.
- **Class 12 — Claude Code:** setup in terminal & VS Code, plan mode, CLAUDE.md, subagents, hooks & slash commands, debugging with AI.

MODULE 5 — WEEK 5

M5-CLS-13-15

Building SaaS Products with AI

From idea to a working full-stack product.

- **Class 13 — SaaS Planning with AI:** finding & validating ideas, market research with Claude, writing a PRD, MVP scope, multi-tenant SaaS architecture.
- **Class 14 — UI Design & Prototyping:** AI UI design with Google Stitch, prompt-to-app with Lovable & v0, design-to-code, exporting to Cursor.
- **Class 15 — Full-Stack Build:** Next.js app structure, Supabase database, authentication & storage, roles & row-level security, admin dashboards.

MODULE 6 — WEEK 6

M6-CLS-16-18

LLM APIs & AI Features

Adding real AI capabilities inside your SaaS.

- **Class 16 — Claude & Gemini APIs:** Messages API, streaming responses, vision & PDF input, token counting, prompt caching & cost control.
- **Class 17 — Tool Use & Structured Outputs:** function calling with JSON Schema, the tool-use loop, Pydantic validation, data extraction & classification.
- **Class 18 — AI Features in Your SaaS:** in-app RAG search, AI agents with the Claude Agent SDK, chat interfaces, evaluating & monitoring AI quality.

MODULE 7 — WEEK 7

M7-CLS-19-21

Integrations, Payments & Deployment

Connecting the product to the real world and putting it online.

- **Class 19 — Payments & Subscriptions:** Stripe & Lemon Squeezy subscriptions, local gateways (JazzCash, Easypaisa, KuickPay), payment webhooks & billing logic.
- **Class 20 — Third-Party Integrations:** OAuth sign-in, transactional email, WhatsApp Business API, webhooks, n8n as the automation backend of your SaaS.
- **Class 21 — Deployment & CI/CD:** deploying on Vercel, environment variables & secrets, Docker basics, custom domains, GitHub Actions, monitoring errors & AI costs.

MODULE 8 — WEEK 8

M8-CLS-22-24

Launch, Business & Capstone

Getting users, getting paid, and proving your skills.

- **Class 22 — Launch & Growth:** landing pages & SEO, Product Hunt & social launch, analytics, onboarding & collecting feedback.
- **Class 23 — Selling AI Automation & SaaS:** AI automation agency services, pricing & retainers, client discovery & delivery, freelancing on Upwork & Fiverr.
- **Class 24 — Capstone Demo & Certification:** present a complete AI SaaS with automations, AI features, payments & deployment, live demo, certificate award.

PROGRAM OUTCOMES

- Use Claude, GPT and Gemini expertly with advanced prompting, Projects, Skills and Cowork.
- Automate business workflows with n8n, connected to Gmail, Sheets, WhatsApp and CRMs.
- Build AI agents, RAG chatbots and MCP-connected assistants.
- Build software with Cursor and Claude Code, even without a strong coding background.
- Plan, design and build a full-stack SaaS with Next.js and Supabase.
- Add AI features with the Claude and Gemini APIs, and integrate payments, email and WhatsApp.
- Deploy, launch and sell AI products and services, and earn the AI Automation & SaaS Development Certificate.

FINAL CAPSTONE

- Build and launch a complete AI SaaS product: a validated idea and PRD, a Next.js and Supabase app built with Cursor and Claude Code, AI features through the Claude API, n8n automations and a chatbot, subscription payments, and deployment on Vercel, presented in a live demo to earn the AI Automation & SaaS Development Certificate.

TECH STACK

TOOLS-&-TECHNOLOGIES

Technologies You'll Master

Industry-standard AI, automation and SaaS tools, all covered hands-on.

- Claude
- ChatGPT
- Gemini
- n8n
- Zapier
- WhatsApp
- Cursor
- Lovable
- Next.js
- Supabase
- Stripe
- Vercel
- Docker
- GitHub
- Gmail
- Make

ALUMNI SUCCESS STORIES

NEXSKILL-ALUMNI

Success Stories

Real Nexskill students, now building careers in tech.



Muhammad Hashim

Full Stack AI Developer

Age 13 · One of Pakistan's youngest

Full Stack AI · n8n · AI Integration

View LinkedIn Profile



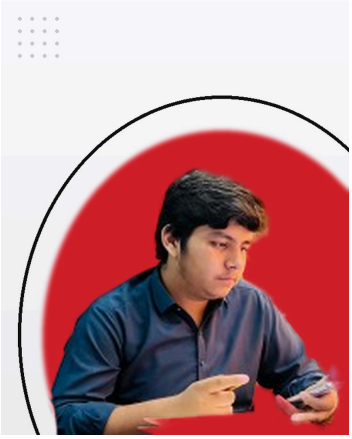
Kashan Iqbal

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Faizan Ahmad

Web & AI Developer

P2PClouds

Nexskill Alumni

& Many More...

Nexskill alumni are working as software engineers, AI developers and blockchain developers at companies like Flacron Enterprises and P2PClouds, building their own products, and earning as freelancers on Upwork and Fiverr. The next success story could be yours.

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