PRACTICAL
SKILLS
REAL PROJECTS
BETTER CAREERS

TECH DRONA

DEBUG YOUR CAREER. DEPLOY YOUR DREAMS.

Build
Learn
Grow

NEXTGEN CAREER ACCELERATOR

2026 | FOUR-MONTH TRAINING ROADMAP

BUILD SKILLS • CREATE PROJECTS • GROW WITH CONFIDENCE

PROGRAM LENGTH	CLASS SCHEDULE	MAJOR PROJECTS
4 Months	2 Hours / Weekday	2 Projects



- Learn New Skills
- Build Real Projects
- Explore AI Technologies
- Grow Your Career

TECHNOLOGY FOCUS

- Python
- FastAPI
- React
- PostgreSQL
- Agentic AI
- DevOps

LEARN
Industry-oriented roadmap with hands-on practice

BUILD
Full-stack and AI projects

DEMONSTRATE
System design, deployment and presentation

NEXTGEN CAREER ACCELERATOR 2026

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4 Months

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MAJOR PROJECTS
2 Projects

ABOUT THE PROGRAM

A practical, project-focused technology program designed to help learners strengthen full-stack development skills, explore modern AI applications, and understand the foundations of deployment and software quality.

TECHNOLOGY FOCUS

- Python
- FastAPI
- React
- PostgreSQL
- Agentic AI
- DevOps

WHY TECH DRONA

01 Industry-oriented learning with a clear, structured roadmap.

02 Hands-on implementation alongside concepts and guided practice.

03 Project work covering development, integration, testing, and demonstration.

04 Career-focused exposure to modern software and AI technologies.

PROGRAM AT A GLANCE

The four-month roadmap progresses from full-stack foundations to Agentic AI, system design, DevOps, and a capstone project. Learners complete two projects: a short guided practice project in Month 2 and a major capstone in Month 4.

Full-Stack Foundations → Agentic AI → System Design → DevOps → Capstone Project

PROJECT TIMING UPDATE

Project 1 is planned for Week 08 only — the final week of Month 2. Week 07 is reserved for project planning and preparation. Month 4 remains dedicated to Project 2, the major capstone.

FOUR-MONTH TRAINING ROADMAP

MONTHS 1–2 | FOUNDATIONS, AI & PROJECT 1

01 MONTH 1 | FULL-STACK DEVELOPMENT & AI FUNDAMENTALS

- **WEEK 01** Python Programming & Git/GitHub
- **WEEK 02** FastAPI, REST APIs & PostgreSQL
- **WEEK 03** React & Full-Stack Integration
- **WEEK 04** LLM Fundamentals & AI Application Integration

02 MONTH 2 | AGENTIC AI & PROJECT 1

- **WEEK 05** Retrieval-Augmented Generation (RAG)
- **WEEK 06** Agentic AI, Tool Calling & Workflows
- **WEEK 07** AI Application Patterns, Workflow Planning & Project Preparation
- **WEEK 08** **PROJECT 1 — Build, Integrate, Test & Demonstrate** (one-week project)

LEARNING APPROACH

- Build core programming, frontend, backend, and database skills.
- Connect AI capabilities to practical application workflows.
- Use Week 07 to plan project scope, confirm features, and prepare the development setup.
- Complete Project 1 within Week 08, including implementation, integration, testing, refinement, and demonstration.

FOUR-MONTH TRAINING ROADMAP

MONTHS 3–4 | ENGINEERING PRACTICES & CAPSTONE

03 MONTH 3 | SYSTEM DESIGN, QUALITY ENGINEERING & DEVOPS

- **WEEK 09** System Design & Software Architecture
- **WEEK 10** Software Testing, Code Quality & Application Security
- **WEEK 11** Docker, CI/CD & Application Deployment
- **WEEK 12** Project 2 — Idea Selection, Planning & Approval

04 MONTH 4 | PROJECT 2 — CAPSTONE DEVELOPMENT

- **WEEK 13** Project Setup, Architecture & Core Development
- **WEEK 14** Feature Development, Full-Stack Integration & AI Implementation
- **WEEK 15** Testing, Bug Fixing, Deployment & Documentation
- **WEEK 16** Final Project Presentation, Live Demonstration & Viva

PROGRAM GUIDELINES

SCHEDULE	2-hour sessions, Monday to Friday.
NON-CLASS DAYS	No regular classes on Saturdays, Sundays, or applicable government holidays.
PROJECT STRUCTURE	Project 1 is a one-week guided project in Week 08; Project 2 is the major capstone.
CAPSTONE FOCUS	Month 4 is dedicated to development, testing, deployment, documentation, and presentation.