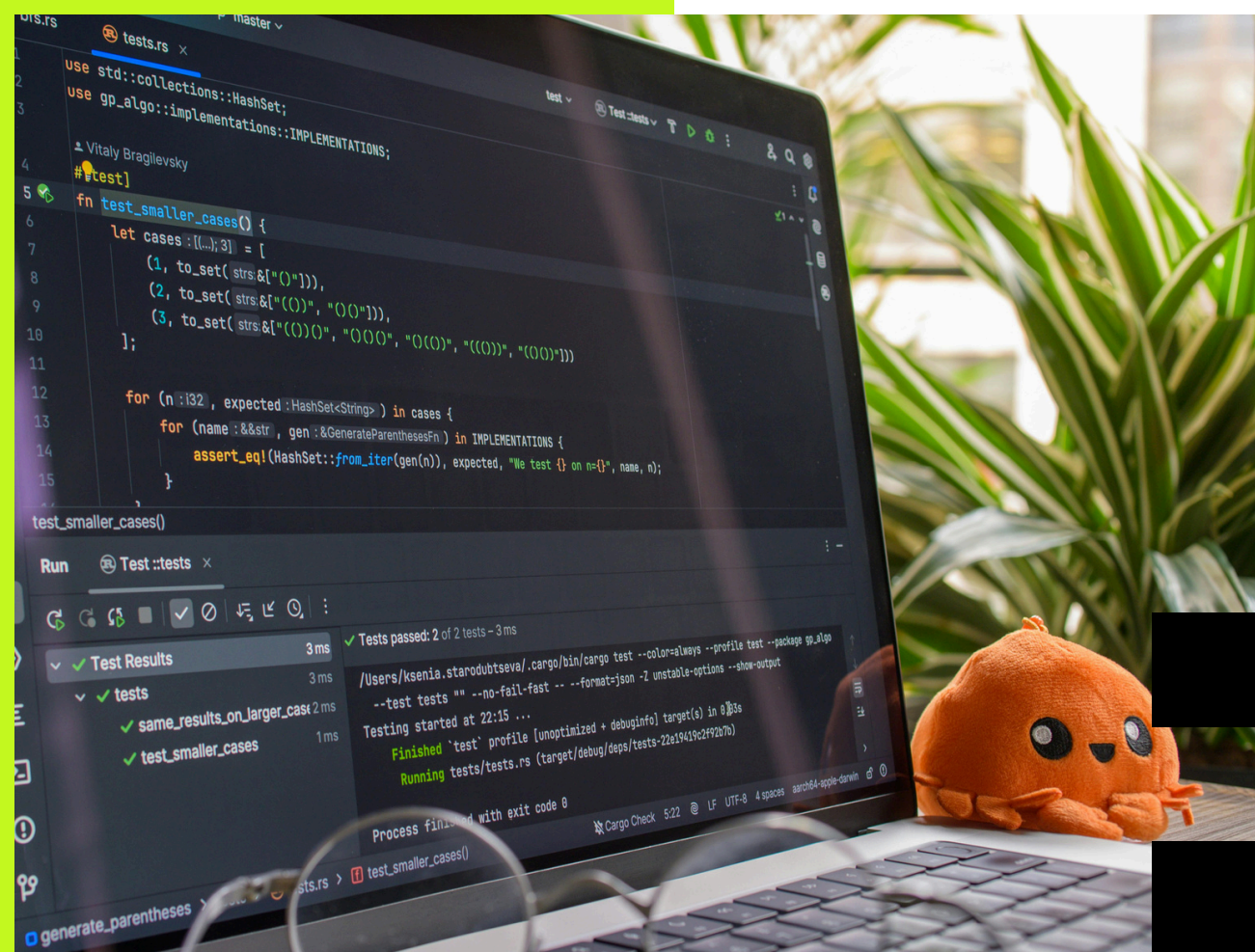


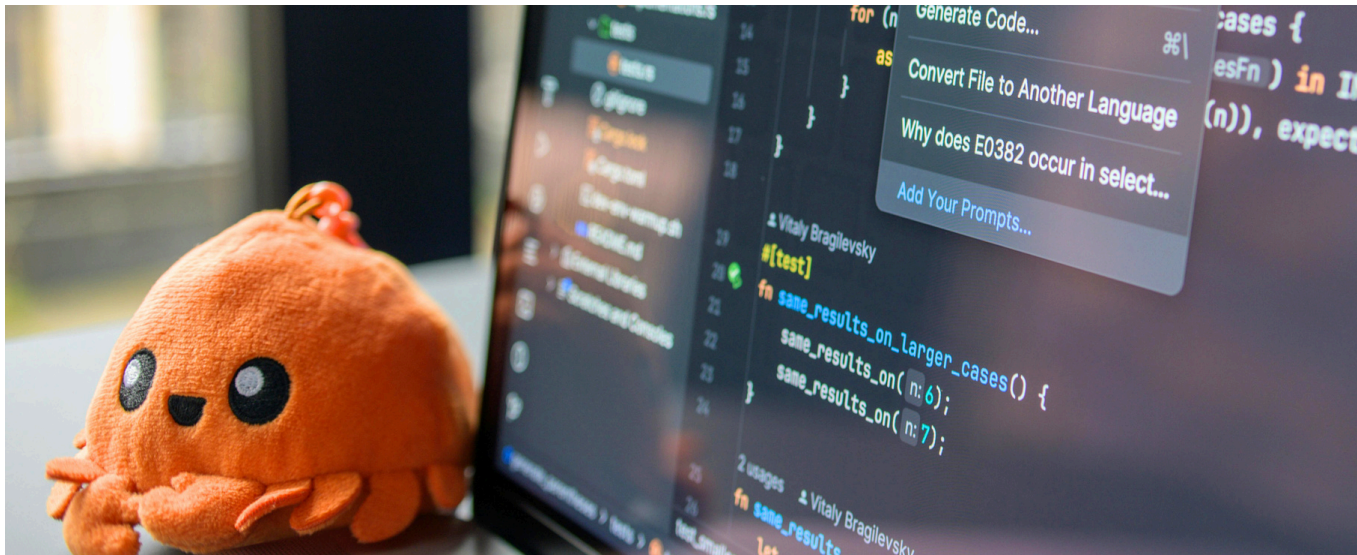
NOVA



PROGRAM OVERVIEW

APPLIED AI & PYTHON DEVELOPMENT PROGRAM

APPLIED AI & PYTHON DEVELOPMENT PROGRAM



COURSE OVERVIEW

This program is designed for students and working adults who want to gain real, practical skills in software development and artificial intelligence. You will learn how modern software is built, how AI is used in real businesses, and how to create your own automation tools and software solutions using Python.

LEARNING OUTCOMES

By completing this program, you will be able to:

- Write Python programs confidently and independently
- Use AI tools and automation to solve real tasks
- Build real software and AI-powered solutions
- Understand how modern digital systems work
- Apply structured problem-solving to technical challenges

STUDENT DELIVERABLES

- A portfolio of real coding projects
- AI and automation tools you can demonstrate or use
- Experience solving real technical tasks
- Hands-on coding and debugging experience
- Confidence explaining and presenting technical solutions

LEARNING APPROACH

We use a structured, mentor-guided learning model that combines theory, practice, and real project development. Classes focus on small group interaction, guided practice, and portfolio project creation.

CAREER PATHWAYS

- Software Development
- AI & Automation Implementation
- Data Analysis & Reporting Automation
- Technical Support & System Operations
- Digital Product & Tool Development



VISION

Whether you are preparing for a career transition, upgrading your current skill set, or entering the tech field for the first time, this program focuses on skills you can actually apply in real work environments.

WHAT YOUR JOURNEY WILL LOOK LIKE

BEGINNER LEVEL	PY101 Python Programming Foundations Variables, logic, loops, functions, simple scripts	LG102 Programming Logic & Problem Solving Algorithm thinking, task breakdown, debugging basics
	DT103 Working With Data Using Python Lists, files, simple data processing, reports	AI104 Automation & AI Tools Introduction Simple automation scripts + using AI tools for tasks
MIDDLE LEVEL	PY201 Intermediate Python Applications Working with modules, structured scripts, real workflows	IN202 API & External Service Integration Connecting software to external tools / services
	DT203 Data Processing & Automation Projects Real automation tasks, business-style problems	AI204 Practical AI Implementation Using AI APIs, AI workflows, prompt engineering for automation
ADVANCED LEVEL	PY301 Advanced Python Engineering Optimization, clean architecture, reusable code	AI302 AI Application Development Apps that include AI features
	SY303 System Design & Architecture Planning real software solutions	PR304 Professional Portfolio Project Full project build + presentation

WHERE YOU WILL BE AFTER EACH LEVEL

How This Program Improves Your Professional Value

After Level 1	After Level 2	After Level 3
Write real programs	Build real automation tools	Build real software solutions
Automate simple work tasks	Work with APIs and data	Create portfolio projects
Understand developer workflows	Use AI in practical workflows	Apply for tech-related roles or projects

PROFESSIONAL CERTIFICATION

Upon successful completion of each program level, students receive an official certification recognizing their technical skills and practical project experience. Each certificate confirms that the student has completed structured training, practical development tasks, and real project implementation in software development and artificial intelligence. Our certification is designed to demonstrate real skill progression — not only course attendance.

ARE YOU READY TO ENGINEER INTELLIGENT SYSTEMS FOR THE FUTURE?

Join a professional program dedicated to Python development and Artificial Intelligence engineering.



CONTACT US

Business hours

Monday to Sunday 9.00am – 5.00pm

Counselling hours for course enquiries

Monday to Friday 9.00am – 5.00pm

Closed on public holidays.

Enquiries

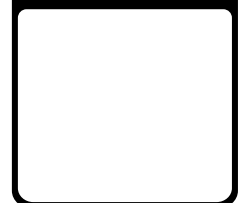
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