



NextGenTalent Lab

NextGen Talent Lab: AI Enabled Curriculum

Partnering with AI to Unlock Human Potential

At NextGen Talent Lab, we recognize that Artificial Intelligence (AI) is reshaping the workplace and the future of software development. For a talent lab focused on early-career professionals, having a clear AI agenda is critical: it ensures that participants not only learn the latest tools but also understand how to use them effectively.

Research shows that without proper training and prompt engineering, AI can be **counterproductive**. A recent study by METR (July 2025) found that experienced open-source **developers using AI tools took 19% longer to complete tasks** compared to working without AI. This highlights the importance of guiding emerging talent in the strategic and efficient use of AI systems.

Why an AI Agenda Matters for NextGen Talent Lab

- 🕒 **Bridging Skill Gaps:** Prepare talent to use AI effectively.
- 🕒 **Prompt Engineering and Best Practices:** Improve results with better prompts.
- 🕒 **Practical AI Solutions:** Hands-on learning with real AI tools.
- 🕒 **Future-Proofing Careers:** Build adaptability for an AI-driven future.
- 🕒 **Less Vibe coding:** Reduce guesswork with clearer AI-supported development guidance

Our AI-Integrated Curriculum

AI for Software Teams

Focuses on the software development team equipping each role with practical, hands-on skills to apply generative AI tools in their daily work.

Building Software with AI

A one-day, hands-on workshop for developers, tech leads, and agile teams to sharpen their AI fluency by using tools like GitHub Copilot, ChatGPT, Claude, and Cursor to deliver real features—including live improvements to truenarrative.io – in a collaborative, production-grade codebase.

GitHub Copilot

GitHub Copilot is an AI-powered coding assistant developed by GitHub and OpenAI. It suggests entire lines or blocks of code in real time, helping developers write code faster, reduce repetitive tasks, and stay in the flow. Copilot supports dozens of languages and integrates directly into popular editors like Visual Studio Code.

