





Ivan Zaporozhets

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EDUCATION

Red Deer Polytechnic

2024-Present

Computer Programming

Red Deer, Canada

- Developing expertise in Python, JavaScript, Java, C# and industry-standard development tools.
- Strengthening teamwork and problem-solving through collaborative application development.

IT Step Online Computer Academy

2019-2021

Programming

Ukraine

- Mastered C#, C++, SQL Server, ASP.NET, ADO.NET, and Entity Framework.
- Delivered multiple individual and team projects simulating real-world software scenarios.

PROJECTS

AsukaAI

<https://github.com/vancoder1/AsukaAI>

- Developed a local, offline AI companion with real-time speech-to-text/text-to-speech for rapid interaction.
- Leveraged Llama 3.1 3B for advanced local text-generation capabilities.
- *Tech:* Python, Ollama, Kokoro, Faster-Whisper, PyTorch, LangChain

YTubeD

<https://github.com/vancoder1/YTubeD>

- Built a WPF C# desktop app for downloading YouTube videos (MP4/MP3).
- Implemented MVVM pattern for scalability and maintainability; designed an intuitive Material Design UI.
- *Tech:* C#, WPF, .NET

Methodic

<https://github.com/vancoder1/Methodic>

- Created a Kotlin Android task management application.
- Applied MVVM for a scalable codebase and designed a clean Material Design UI.
- *Tech:* Kotlin, Android SDK, Room, Jetpack Compose

TECHNICAL SKILLS

Languages: Python, C#, C/C++, HTML/CSS, JavaScript, Java, Kotlin, SQL (MSSQL, MySQL), Bash.

Frameworks and Libraries: ASP.NET, ADO.NET, Entity Framework, PyTorch, TensorFlow, LangChain.

Developer Tools: Git, Linux, Docker, VS Code, Visual Studio, PyCharm, IntelliJ IDEA, Android Studio.