



# Ivan Pupinoski

Seeking IT Internship or Junior Developer Role



## CONTACT



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[www.linkedin.com/in/pupinoskii/](http://www.linkedin.com/in/pupinoskii/)



<https://github.com/iSqloud7/>



## EDUCATION

2022 (september) - Ongoing  
⊕ **(FINKI) Faculty of Computer Science and Engineering - Skopje, Macedonia**  
\* Field of Expertise:  
**Applied Information Technologies**

2018 (june) - 2022 (september)  
⊕ **(Niko Nestor) High School: Niko Nestor - Struga, Macedonia**  
\* Field of Expertise:  
**Economic-Legal and Trade Program**



## PROFILE

I am fourth-year student at the Faculty of Computer Science and Engineering, Ss. Cyril and Methodius University in Skopje.

During my studies, I have built a solid foundation in various programming languages, technologies, and development environments, which I continuously strengthen through both individual and team-based projects.

I am comfortable working independently, but I also collaborate effectively in team settings, where I contribute actively and often take on leadership responsibilities. Through academic lab work and personal initiative, I consistently expand my knowledge and improve my problem-solving skills.

I am driven, dedicated, and committed to continuous growth, always striving to achieve high-quality results.



## PROJECTS



### Events Aggregator System

Completed in June 2026.

An event-tracking platform built with **Spring Boot** using **Java** and **Vue.js** using a strictly applied **Onion Architecture**. The system aggregates and updates events from multiple sources via **web scraping**, providing users with advanced search, personalized wishlists, and detailed analytics, all managed within a **PostgreSQL** database.

- GitHub Link:

<https://github.com/iSqloud7/EventsAggregator-Project>



# SKILLS

## ◆ Back-End Technologies

- Laravel
- Django
- Node.js
- Rest APIs
- Spring Boot
- ASP.NET Core
- ASP.NET MVC

## ◆ Front-End Technologies

- Flutter
- Vue.js
- React
- Bootstrap
- JavaScript
- CSS3
- HTML5

## ◆ Programming Languages

- PHP
- Dart
- Python
- JavaScript
- C#
- SQL
- Java
- C++
- C

## ◆ Databases

- Neo4J
- PostgreSQL
- SQLite
- SQL Server
- MySQL

## ◆ Cloud & DevOps/VCS

- Bitbucket
- Jira
- Azure
- Kubernetes
- Docker
- GitLab CI/CD
- GitHub Actions
- GitLab
- GitHub

## ◆ AI & Microsoft 365

- LangChain
- Knowledge Graphs
- OpenAI APIs
- NLP
- Machine Learning
- OpenAI APIs
- Word | Excel | PowerPoint



## mind-draft-ai

[Completed in May 2026.](#)

AI-powered presentation builder built in **Laravel** using **PHP**, enabling users to create workspaces and generate presentations from a topic and key points using **OpenAI model**. The system allows AI-generated slide creation, manual editing, slide reordering, regeneration, presenter mode with notes, and export to PDF for offline use.

- GitHub Link:

<https://github.com/iSqloud7/mind-draft-ai>



## skillio-ai

[Completed in May 2026.](#)

AI-powered recruitment platform for automated CV analysis and candidate evaluation in public administration. Built with **React**, **FastAPI**, **PostgreSQL**, and **pgvector**, using **LLM-based data extraction**, **semantic embeddings**, and **similarity matching** to rank candidates, with **JWT auth** and **Docker**.

- GitHub Link:

<https://github.com/iSqloud7/skillio-ai>



## MKD Currency Detector

[Completed in February 2026.](#)

Cross-platform mobile application for detecting Macedonian currencies, designed to assist visually impaired users. Built using a **Roboflow** dataset and trained with **YOLOv8**, the system integrates a **FastAPI** backend with a **Flutter (Dart)** frontend, providing real-time detection with **TTS** audio feedback.

- GitHub Link:

<https://github.com/iSqloud7/MKDCurrencyDetector-Project>



## Movie Loom

[Completed in January 2026.](#)

Web-based application for managing movies and series, enabling users to browse content via an external API, manage favorites and watchlists, track watched items, and submit/view ratings. Built with **ASP.NET Core** using **C#** and **Razor syntax**, with **PostgreSQL**, integrated with **TMDB API** and deployed on **Azure**.

- GitHub Link:

<https://github.com/iSqloud7/MovieLoom-Project>



## FAQ System

[Completed in December 2025.](#)

Semantic FAQ retrieval system using **sentence embeddings** and **cosine similarity** to deliver relevant support answers, with **multilingual support** and scalable design.

- GitHub Link:

<https://github.com/iSqloud7/FAQ-Retrieval-Project>



## Slide To Glory

[Completed in September 2025.](#)

Developed a cross-network game featuring single-player (vs. bot) and multiplayer modes. Implemented secure auth, statistics, and leaderboards using **REST APIs**. Optimized for real-time performance with **Python**, **Tkinter**, **Asyncio**, **WebSockets**, **JSON**, and **Threading**.

- GitHub Link:

<https://github.com/iSqloud7/SlideToGloryGame-Project>



## SEMINARS

### ◆ Educational Training

February - March 2025

➤ Skills for successful communication during the interview process for **STEM students**.

Training supported by:

- **Horizont International, Skopje**
- **National Center for Development of Innovation and Entrepreneurial Learning, Skopje**
- **Treci Gabrijel, Zagreb - Croatia**

### ◆ "Save The Lake"

June - September 2021

➤ Team participant and finalist.  
➤ Competed in national competition organized by:

- **UPSHIFT**
- **UNICEF**
- **CEED Hub**
- **Fond for Innovation**
- **Ministry of Education and Science.**

➤ Attended workshops on social entrepreneurship and developed "Save The Lake" project: real-time pollution monitoring for **Lake Ohrid** with online data dashboard to raise public awareness.

➤ Selected for the best innovation and awarded state-funded grant for full project implementation.



## LANGUAGES

- **English** ●●●●●
- **French** ●●●●●
- **Macedonian** ●●●●●



## Scrum Knowledge & Semantic Pipeline

Completed in September 2025.

Advanced NLP Knowledge Graph Pipeline - An NLP system that converts unstructured text from PDFs, YouTube transcripts, and web pages into structured knowledge graphs using **LLMs**. The pipeline performs semantic block distillation, extracts entities and relationships via **iText2KG**, and constructs graphs in **Neo4j** for visualization and querying. Built with **Python, LangChain, Ollama, iText2KG, Neo4j, PyMuPDF, YouTube Transcript API, and Asyncio**.

- GitHub Link:

<https://github.com/iSqloud7/DataScience-Project>



## Project Management System

Completed in June 2025.

A full-stack web application designed for managing student project at FINKI, where professors can create and manage project topics, and students can browse, select, and work on projects. The system supports team formation, project assignment, and progress tracking, providing a streamlined workflow for academic project management. Built with **Spring Boot, React, PostgreSQL, Spring Security, JWT Authentication, Rest APIs, Java, and JavaScript**.

- GitHub Link:

<https://github.com/iSqloud7/WebProgramming-Project>



## Steal The Treasure 3D Game

Completed in February 2025.

A 3D game where players race against time to collect all treasures before the countdown ends. Features dynamic gameplay, custom UI/UX design, win conditions and replay functionality. Built with **Godot Engine, GDScript, Godot's node-based architecture, 3D environment creation, collision detection, and timer systems**.

- GitHub Link:

[https://github.com/iSqloud7/---\\_VideoGameProgramming\\_---](https://github.com/iSqloud7/---_VideoGameProgramming_---)



## Space Warfare 2D Game

Completed in January 2025.

A 2D local multiplayer game with dual-player controls on a single device, featuring projectile physics, collision detection, and health management. Implements full game mechanics including movement, shooting, hit detection, and win/loss conditions with visual and audio feedback. Built with **Python, Pygame, 2D sprite rendering, and image transformation**.

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## Take The Best

Completed in September 2024.

A full-stack web application for managing restaurants, featuring user authentication, menu display, and administrative controls, built using MVC architecture. Built with **ASP.NET MVC, C#, Entity Framework, HTML5, CSS3, and JavaScript**.

- GitHub Link:

<https://github.com/iSqloud7/TakeTheBestApplication>



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