

# Bobi Sofronijoski

Bay Area, United States | me@bxbi.dev | bxbi.dev | linkedin.com/in/sofronijoski

## Summary

---

Bobi is a **Software Engineer** at RLDatix, where he develops secure enterprise workforce management solutions for clients such as NATO, RFA and NCLH. As a Co-Founder of the **International Space Alliance**(ISA), he contributes to space-related initiatives and has worked on innovative projects, including AI-powered grant tracking systems and 3D solar sintering for Earth and space applications. Recognized as Valedictorian, a FITR awardee, and National Point of Contact for the **Space Generation Advisory Council**(SGAC), he combines technical expertise with leadership in international space and tech communities.

## Experience

---

**Software Engineer**, RLDatix May 2024 – Present

- Reduced the time to calculate the readiness to post for the entire crew by 90% by implementing a parallel execution.
- Contributed to the migration of WCF services to RESTful APIs, enabling the future transition of the application to modern front-end frameworks.
- Implemented dozens of features that improved the security, usability, performance, and overall experience of the application.

**Co-Founder**, International Space Alliance Sept 2022 – Present

- Accountable for all technical solutions including: Website, Data Management, DNS, Hosting, etc.
- R&D - advancing space-related initiatives and grant-based innovation;
- Flagship Events – providing technical support for capacity-building events that bridge education, industry and corporate engagement
- Accelerator Program – engaged in technical roles supporting space-focused accelerator programs.

## Education

---

**Ss. Cyril and Methodius University**, BS in Software Engineering and Information Technologies Sept 2021 – Sept 2025

- **Coursework:** Algorithms and Data Structures, Advanced Programming, Software Requirements Analysis, Operative Systems, Introduction to Data Science, Design and Architecture of Software, Web Development, Object Oriented Programming, Computer Architecture, Network and Security, Structural Programming, IT Project Management.

## Projects

---

### AI Powered Grant & Proposal Tracker

- Currently developing a solution for tracking grants and proposals. It will have different roles, AI Assistant for Grant Application, Tagging, and Filtering etc.
- Tools used: C#, .NET, SQL, React, Docker, Postgres, Gemini integration.

### Culturo-Locator

- For a Team Project at the University, We created a Web Application with micro-service architecture with Data from OpenStreetMap that was parsed through a pipeline and later used to locate all Cultural Objects in N. Macedonia and Calculate the distance.
- Tools used: C#, .NET, SQL.

### Solar Sinter

- Worked on groundbreaking technologies for remote locations on Earth, Moon & Mars for 3D printing. Developed basic movement and created a solar tracker using 4 light detectors.
- Tools used: Arduino.

## Technologies

---

**Languages:** C#, Java, SQL, JavaScript, Python, C++.

**Technologies:** .NET, Microsoft SQL Server, Spring Boot, Keras, Sci-Kit, Jenkins, Docker, Git.

**Soft Skills:** Fast and continuous learner, Clear communication, Teamwork, Analytical thinking, Decision making, Accountability, Time management, Attention to detail, Mentoring.

## Other Experience & Awards

---

**National Point of Contact** - Space Generation Advisory Council.

**3rd Place - Challenge for young researchers** from the Fund for Innovation and Technology Development to improve the initial waiting time of the 3D Printer.

**NASA Space Apps Challenge** - part of the main organization team in Mountain View and Cleveland in collaboration with NASA Glenn R.C. and NASA Ames R.C

**High School Valedictorian** - Degree: Electro Technologist for Computer Technologies and Automation.

**Mentor** - on the biggest location for the 9th Cassini Hackathon. Supporting Teams with Technical and Space knowledge.