

Kryštof Sláma

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👤 PROFILE

Computer Science student focused on mobile application development, especially **iOS**, **macOS**, tvOS. I have experience building apps with **Swift** and **SwiftUI** and working with tools such as Firebase, Supabase, AWS and Git. I enjoy designing functional, visually clean applications, thinking through UX, and solving problems independently as well as in a team. In 2024, I was selected as a **Swift Student Challenge Winner** by Apple.

🎓 EDUCATION

Secondary School Graduation Secondary School of Civil Aviation Electrical Engineering – Avionics	2019 – 2023 Prague
Bachelor's Degree Czech University of Life Sciences Prague Third-year Computer Science student at the Czech University of Life Sciences.	2023 – Aktuální Prague

🌐 LANGUAGES

English C1	Spanish A1
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🧠 TECHNICAL SKILLS

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|----------------|--------------|
| • Swift | • HTML/CSS |
| • React Native | • Javascript |
| • C# | • Git |
| • SQL | • REST API |

📁 PROJECTS

- Rivalry League** 
Published iOS App on the App Store
- Designed and built an iOS app for creating leagues, reporting matches, leaderboards, player profiles, and team communication.
 - Implemented authentication, database integration, realtime feed, profile cards, and reactions.
 - Independently shipped the app to the App Store.
 - Worked on UX/UI design, localization, and app versioning.
 - SwiftUI, Swift, Supabase, PostgreSQL

- RepoStudio** 
macOS for managing repositories and files
- Built tools for browsing local Git repositories and viewing file changes.
 - Created a Markdown editor with live preview and split-screen modes.
 - Implemented file filtering, status grouping, and built-in diff rendering.
 - Integrated Textual for rich Markdown rendering.

- Cognitive Performance Testing App** 
macOS application for bachelor thesis research in aviation control research
- Developed a SwiftUI macOS app for cognitive performance testing in bachelor thesis research.
 - Implemented reaction time, memory, and attention-based test tasks inspired by aviation/ATC workflows.
 - Used SwiftData for local persistence of participant results and test sessions.
 - The app was used for data collection at Czech Technical University in Prague (ČVUT)

- School Projects**
Projects developed as semester work
- Simson Says Game - C# .NET MAUI
 - Terminal Projects (Game) - C#

- Designing database

Other Projects

- Bluetooth ESP32 Mobile Controller - BLE / WiFi, ESP32, Swift, SwiftUI, C
- OBD Scanner for cars - BLE, SwiftData
- Artist portfolio - <https://annaelektra.com> 



ACHIEVEMENTS

Swift Student Challenge Winner

2024

Apple

- Awarded by Apple in an international competition for designing and developing an original Swift application.
- The application was developed for iPadOS using SwiftUI.



CERTIFICATIONS

FCE B2 English

2022

Elements of AI

CCNA: Introduction to Networks

2025 - CCNA 1

Apple Ads Certification

2026



WORK EXPERIENCE

Bartender

Pražáčka

2021 – 2023

Praha

Water Sports Lift Operator

WakePort

2022 – 2025

Stará Boleslav

- Participated in training and helped maintain safety standards during daily operations.
- Performed basic preventive maintenance and troubleshooting to keep the equipment running smoothly.

Delivery Driver / Operations Assistant

Chlazená

2024 – Aktuální

Praha

- Helped coordinate daily departures and supported other drivers during operations.