

Emrah Ponjević

Ljubljana, Slovenia | +386 69 / 829 - 519 | me@emrah-dev.net | linkedin.com/in/emrah-ponjevic/

Projects Summary

- Fleet Operations & Ticketing Platform** | *Next.js, React, Supabase, Tailwind CSS* [2025 – Present]
- Architecting a scalable SaaS solution with an admin dashboard and secure ticketing system for transport agencies.
 - Implementing robust backend logic and user authentication flows to handle sensitive operational data.
- On-Board Multimedia Streaming Platform** | *Raspberry Pi, Linux, Local Networking* [2026 – Present]
- Architecting an "in-flight" style offline multimedia streaming platform for bus passengers using a local server.
 - Configuring a captive Wi-Fi network and database for simultaneous multi-client media access without internet.
- Windows-Platform Media Downloader** | *Electron, Node.js, JavaScript* [2026]
- Developed an ad-free 4K/MP3 desktop downloader featuring built-in playlist management and randomization.
 - Engineered a custom "Burn to USB" utility optimized for seamless playback on legacy and modern hardware.
- Complete Windows Server Infrastructure Build** | *Windows Server 2022, Active Directory, GPO* [2025]
- Architected and deployed a virtualized corporate IT environment from the ground up, configuring a Domain Controller, DNS, DHCP, and NAT routing.
 - Centralized network management via custom Group Policies (GPOs) and implemented a secure File Server utilizing strict NTFS permissions and Access-Based Enumeration (ABE).
- Automated Book Scanner** | *Raspberry Pi, Book Scan Wizard, Pi Scan* [2018 – 2019]
- Built a dual-camera hardware rig for simultaneous dual-page capture and image processing.
 - Integrated automated post-processing for cropping, color correction, and sorted PDF compilation.
- Custom 3D Printer** | *Arduino, Marlin Firmware, C++* [2017 – 2018]
- Engineered and assembled a 3D printer entirely from scratch.
 - Configured and calibrated open-source Marlin firmware for precise hardware control and motor synchronization.

Work experience

RELEVANT IT EXPERIENCE

- Web Developer & UI/UX Designer** | *Freelance* [Jul 2022 – Present]
- Designed responsive commercial websites, executing a technical SEO strategy to achieve a #1 Google ranking.
 - Delivered modern, high-fidelity brand identities and interactive prototypes using Figma to optimize conversion rates.
- IT Support Specialist** | *Ponjevic Tours d.o.o.* [Jun 2018 – May 2022]
- Engineered a custom software utility to automatically calculate the 90/180-day EU residency limit for non-EU drivers, ensuring strict legal compliance.
 - Managed local office IT infrastructure, proactively troubleshooting hardware and network operations.

ADDITIONAL PROFESSIONAL EXPERIENCE

- Professional Bus Driver** | *Arriva Group* [Jun 2024 – Present]
- Managing international bus travel logistics and passenger safety on long-distance routes.
- Assembly Technician** | *Kolektor Etra* [Mar 2024 – May 2024]
- Assembled power transformers and isolated windings according to precise technical schematics.
- Machine Operator** | *The Goodyear Tire & Rubber Company* [May 2022 – Feb 2024]
- Operated production machinery and executed rigorous tire testing protocols for quality assurance.

Education

Mješovita elektrotehnička srednja škola
High School Diploma, Computer Technician

[Bihać, BIH]
[Sep 2015 – May 2019]

Languages

- **English:** B2 Upper Intermediate (EF SET)
- **German:** A1 (ÖSD Zertifikat)

Skills

Languages & Frameworks: React, Next.js, JavaScript, C++, HTML5, CSS3, Tailwind CSS.

Backend & Tools: Supabase, Node.js, Electron, PostgreSQL, Git, RESTful APIs, Technical SEO, Google Search Console.

Design & UI/UX: Figma, Webflow, WordPress, Elementor, Adobe Photoshop, Adobe Illustrator.

Systems & Networking: Windows, Windows Server 2025, Linux, Active Directory, VMware, TCP/IP, DNS, DHCP, Arduino, Raspberry Pi.

Core Professional Skills: Problem-Solving, IT Troubleshooting, Automation, System Optimization.

Certifications

HackerRank

- Frontend Developer (React)
- Problem Solving (Intermediate)

LinkedIn Learning

- Windows Server 2025 Essential Training
- Windows 11 for IT Support: Advanced Troubleshooting
- IT Help Desk for Beginners
- Troubleshooting Common PC Issues for Users
- HTML, CSS, and JavaScript: Building the Web

CompTIA

- CompTIA Certification [In Progress]