

Flori Vula

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Full-Stack Developer – IoT & Cloud Systems

Full-Stack Developer specialized in building scalable IoT platforms, with hands-on experience in developing cloud-integrated dashboards, REST/gRPC APIs, and real-time sensor data pipelines. Skilled in React (TypeScript), Node.js, PostgreSQL, and Docker. Proven ability to lead both frontend and backend development, with a focus on performance, reliability, and clean architecture. Passionate about solving real-world problems with elegant, full-stack solutions.

WORK EXPERIENCE

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| FourByte Full-Stack Developer – IoT & Cloud Systems | 12/2024 – Present Prishtinë, Kosovo |
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- Contributed to the design and development of scalable IoT platforms used in infrastructure monitoring and automation
- Implemented scalable PostgreSQL schemas for tenants, users, roles, sensors, devices, schedules, and zones
- Built full-stack features using React (TypeScript), Node.js (Express), and gRPC to enable real-time data flow and control logic
- Integrated secure JWT authentication, role-based access, and protected routing on both backend and frontend
- Created dynamic dashboards for sensor monitoring, schedule automation, and zone-based control
- Developed REST and gRPC APIs for secure communication with remote IoT devices
- Containerized backend using Docker and deployed cloud services for production environments
- Collaborated with team on system design, architecture documentation, and Agile sprint planning

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| DzO Media GmbH Creative Strategist / Video Editor | 08/2024 – 03/2025 Remote, Germany |
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- Led a creative team of ~10 members, directing the production of ad creatives and visuals tailored for search arbitrage campaigns; developed visual strategy, performance testing approaches, and asset guidelines
- Produced and edited social video ads and visual content using the Adobe Suite, optimizing for engagement and conversion across multiple platforms

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| FourByte Full-Stack Development Intern | 10/2024 – 12/2024 Prishtinë, Kosovo |
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- Supported backend and frontend development of a real-time utility monitoring platform
- Participated in full software lifecycle under mentorship and earned promotion to full-time role

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| LWP-Energie GmbH Full-Stack Developer & Graphic Designer | 03/2024 – 08/2024 Stuttgart, Germany |
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- Created the company's entire web platform, building both frontend and backend using modern frameworks to present services, handle client requests, and showcase solutions
- Defined the company's brand identity, designing the official logo, choosing brand colors and typography, and producing consistent UI components and promotional materials

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| Dukagjini Publishing House Graphic Designer | 02/2022 – 04/2022 Prishtinë, Kosovo |
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- Edited, reviewed and corrected children's educational books

EDUCATION

Bachelor's in Computer Science and Engineering

University for Business and Technology (UBT)

Prishtinë, Kosovo • 10/2021 – 03/2025

PROJECTS

Cosmic Clash – Space Game (Unity)

11/2023 – 02/2024

Developed a browser-based, space-themed physics game inspired by Angry Birds using Unity. Implemented level design, character behavior, physics interactions, and UI flow. Included five playable levels, custom assets, and difficulty scaling. Showcased creative problem-solving, animation integration, and full-cycle delivery from concept to playable build.

Technologies Used:

Unity, C#, Photoshop, Game Design, WebGL

Link:

<https://florivula.github.io/CosmicClash/>

Job Platform for Youth in Kosovo

03/2023 – 04/2023

Built a responsive web platform aimed at connecting young jobseekers in Kosovo with employers. Designed a clean UI for easy navigation and implemented job listing and application features. Prioritized UX, accessibility, and mobile responsiveness to support broad accessibility.

Technologies Used:

React, CSS, JavaScript, HTML5, Firebase (optional if used), UI/UX Design

Link:

<https://www.youtube.com/watch?v=Zcps-uDkknQ>

SKILLS

Languages: TypeScript, JavaScript, C#, Java, Kotlin, SQL

Frontend: React, Shadcn, Tailwind CSS, HTML5, CSS3

Backend: Node.js, Express.js, ASP.NET Core, gRPC

Databases: PostgreSQL, Prisma ORM, MS SQL Server, PostGIS

DevOps & Deployment: Docker, Docker Compose, GCP, CI/CD

Tools & Platforms: Git, GitHub

Architecture & Patterns: REST APIs, JWT Auth, Role-Based Access Control, Data Modeling

Other / Soft Skills: Agile/Scrum, Team Collaboration, Documentation