

PORTFOLIO



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Prishtina, Kosovo

SKILLS SUMMARY

- \checkmark Forensic attention to detail
- √ Fast and keen learner
- ✓ Positive can-do attitude
- \checkmark Problem-solving oriented
- √ Team player
- ✓ Great Leadership Skills
- ✓ Creative Thinking Skills
- ✓ Reliable & Professional

LANGUAGE PROFICIENCY



ALBANIAN - Native

ENGLISH - C2

YLLI PRAPASHTICA

CHIEF SOLUTION ARCHITECT

/ SENIOR SOFTWARE ENGINEER

Strategic and results-oriented Solution Architect and Senior Engineer with over six years of experience in designing, architecting, and delivering high-impact software solutions in fast-paced environments. Proven expertise in translating complex business requirements into scalable, secure, and high-performance systems. A decisive technical leader adept at managing cross-functional teams, directing large-scale development projects, mentoring engineers, and driving the full project lifecycle from concept to deployment. Combines deep full-stack proficiency with strong stakeholder communication and a solutions-oriented mindset

CORE COMPETENCIES

Architecture & Design

- Solution Design
- System Architecture
- API Design (REST, GraphQL, gRPC)
- Headless CMS Architecture
- Scalability & Performance Optimization
- Secure Coding Practices

Leadership & Strategy

- Technical Leadership
- Team Management (up to 14 developers)
- Mentorship & Code Reviews
- Stakeholder & Client Management
- Agile Methodologies

Tech Stack

- React.js / Next.js
- Svelte
- React Native/Flutter
- Node.js
- PHP
- Java

Cloud, DevOps, Networking & Databases

- AWS / GCP
- CI/CD Pipelines
- CCNA 1-4
- WordPress/WooCommerce , Shopify
- Web3
- Strapi, Payload CMS
- MongoDB, MySQL, PostgreSQL

WORK EXPERIENCE

Chief Solution Architect

Spicy Analytics| Budapest, HU | January 2025 - Present

- Architect, design, and lead the development of scalable, highavailability system architectures built to support highthroughput machine learning models and autonomous AI bots.
- Lead end-to-end solution design, from stakeholder requirement gathering to technical blueprinting and implementation, for clients in Fintech, Healthcare, and Aerospace.
- Engineer and streamline complex, automated data pipelines for advanced ETL, transforming high-volume, unstructured (dirty) data into clean, structured, and predictive-ready assets.
- Implement and oversee MLOps frameworks to manage the complete model lifecycle, including automated training, versioning, deployment, and real-time performance monitoring.
- Ensure robust data governance and security measures are in place, particularly when handling highly sensitive PII for healthcare predictions and confidential financial data.
- Optimize system performance for computationally intensive tasks, including a high-performance architecture for NASA to enable precise, predictive calculations of astronomical body positioning.
- Architect and guide the development of a "near-perfect" predictive health system, leveraging lab results and biometric data to accurately forecast future health risks, such as diabetes onset.
- Design and deploy sophisticated predictive models for the banking sector to optimize ATM cash logistics, including forecasting demand, refill routes, and optimal cash-on-hand levels.
- Develop architectural blueprints for AI-driven financial tools to assess real estate risk factors and provide predictive insights for personal money management.
- Lead technical discussions with executive-level stakeholders, data scientists, and clients to define project scope, provide strategic guidance, and ensure the timely delivery of complex data solutions.
- Provide expert guidance and mentorship to data scientists and ML engineers, conducting architectural reviews and enforcing best-in-class coding and system design standards.

Senior Full Stack Developer

HUEMOR | Pittsburgh, PA | September 2022 - January 2025

- Architect, develop, and maintain custom WordPress themes and plugins tailored to meet specific client requirements, ensuring seamless functionality across front-end and back-end systems
- Lead end-to-end development of WordPress websites, utilizing both front-end technologies and back-end frameworks.
- Implement and integrate third-party APIs to enhance functionality and connect WordPress sites to external platforms and services.
- Optimize website performance, including improving load times, implementing caching mechanisms, and conducting regular speed tests.
- Ensure robust security measures are in place by implementing secure coding practices, SSL certificates, and security plugins to prevent vulnerabilities such as SQL injections and XSS attacks.
- Oversee the creation, migration, and management of databases, ensuring smooth database operations and troubleshooting any issues.
- Ensure responsive design and compatibility across various devices and browsers to provide a seamless user experience. Lead technical discussions with clients and stakeholders to gather requirements, provide updates, and ensure timely delivery of high-quality solutions.

Provide guidance and mentorship to junior developers, conducting code reviews and enforcing coding standards across the team.

Streamline deployment processes by implementing continuous integration and continuous delivery (CI/CD) pipelines, automating testing and deployment for efficient project delivery.

• Senior Full Stack Developer

Proxify | Sweden | March 2023 - February 2024

- Acted as a mentor, providing guidance and technical expertise to junior team members, contributing to their professional growth.
- Spearheaded the development of end-to-end features, ensuring
- seamless integration between frontend and backend components.
 - Utilized cutting-edge technologies such as React, Svelte and Node, js to enhance overall system performance and user experience.
 - Collaborated with cross-functional teams to design robust and scalable APIs, fostering interoperability between different modules.
 - Enforced best practices in coding standards, code reviews, and continuous integration, resulting in a more stable and reliable codebase.
 - Collaborated closely with product managers, designers, and other stakeholders to understand project requirements and deliver solutions that exceeded expectations.
 - Facilitated sprint planning, retrospectives, and daily stand-ups to ensure effective communication and progress tracking.

Web3 Front End Developer

Energi | Worldwide | August 2022 - March 2023

- Develop core features for dApps.
- Maintain the existing ecosystem to the highest degree of quality.
- Build front-end Web3 interface.
- Translating UI/UX design wireframes into code that will produce the visual and interactive elements of applications.

Head Of Department

Black Bird Marketing | Prishtina, Kosovo | July 2021 - August 2022

- Responsible for seeing through projects from development to delivery.
- Managing 14 developers separated into 4 teams.
- Working closely with the Sales team to land clients and send project offers.
- Hiring new Staff members for upcoming projects.
- Responsible for the development of the in-house SaaS Product Formify.

Team Leader

Black Bird Marketing | Prishtina, Kosovo | June 2020 - July 2021

- Lead developer of a team of 5 developers.
- Lead developer of 4 interns, which later became another team of 4.
- Responsible for seeing through projects from the development to deployment

Full-Stack Developer

Black Bird Marketing | Prishtina, Kosovo | August 2019 - June 2020

- Responsible for developing Headless WordPress websites with ReactJs and Svelte.
- Responsible for developing Headless Strapi websites with ReactJs and Svelte.
- Responsible for developing React and Svelte Websites.
- Responsible for developing Backend API Endpoints with

Node+Express to handle communications with the WordPress CMS

- or Strapi.
 - Responsible for developing Backend logic for websites, web apps,
- and mobile apps.
 Responsible for returning data from MySQL or MongoDB database through API endpoints built with Express

Front End Developer

Black Bird Marketing | Prishtina, Kosovo | March 2019 - August 2019

- Responsible for developing Headless WordPress websites with ReactJs.
- Responsible for developing React Websites.
- Responsible for developing Backend API Endpoints with Node+Express to handle communications with the WordPress CMS.

EDUCATION

University of Prishtina, Kosovo

Bachelor Degree | Oct 2018 - 2024

• Program: Computer Engineering

AWARDS, CERTIFICATES & ACHIVEMENTS

- Certification of Achievement for Inaugural Cybersecurity Excercise
 2022 3rd Place Iowa State May 2022
- Frontend Fundamentals | SmartCode training center | 2019
- Cisco CCNA 1 Routing and Switching: Introduction to Networks Cisco Networking Academy | 2019
- Cisco CCNA 2 Routing and Switching: Connecting Networks | Cisco Networking Academy | 2019
- Cisco CCNA 3 Routing and Switching: Scaling Networks | Cisco Networking Academy | 2019
- Cisco CCNA 4 Routing and Switching: Routing and Switching Essentials
 Cisco Networking Academy | 2019
- Virtual Reality and Augmented Reality Workshop by Simon Wilkinson |
 Prishtina International Film Festival and the British Council | 2018
- JavaScript Gaming | Universum College | 2018
- Java Programming | AUK Training and Development Institute | 2018
- Brain Training Workshop | Idriz Zogaj & RetentionStudio | 2018
- Java Programming Course Level 1 | Codex-Ks | 2017
- Java Programming Course Level 2 | Codex-Ks | 2017