Evina Tershalla

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EDUCATION

Epoka University   **Tirana, Albania**
B.S. in Software Engineering   *Expected Graduation, May 2026*

o   **Concentrations:** Web & Mobile Development
o   **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications, Software Modeling and Design

PROJECTS

Dental Management Web Application |
Team Leader · Tirana, Albania
March 2025 – June 2025

- Architected and led the development of a comprehensive dental management web application using PHP, MySQL, HTML, CSS, and JavaScript, streamlining appointment scheduling, patient records, and billing.
- Implemented secure role-based access control, enabling dentists, assistants, and administrative staff to efficiently manage patient data and clinic workflows.
- Automated patient appointment reminders and billing notifications, resulting in a 35% reduction in no-shows and enhanced revenue tracking accuracy.
- Leveraged PyChart for insightful reporting on clinic performance and patient visit analytics, improving data-driven decision-making for management.

Online Newspaper Platform |
Team Leader · Tirana, Albania
January 2025 – February 2025

- Designed and implemented a dynamic online newspaper platform (Echoes of Today) utilizing PHP, MySQL, HTML, CSS, and JavaScript, delivering real-time news updates and a seamless reading experience.
- Integrated a Weather API to enhance user engagement by displaying live local weather conditions alongside news content.
- Developed an intuitive content management system (CMS) for journalists, streamlining article publishing and editorial workflows.
- Enhanced data visualization for readership analytics using PyChart, empowering editors to monitor user engagement and optimize content strategy.

Smart Health Insights Dashboard |
Team Leader · Tirana, Albania
October 2024 – January 2025

- Led a cross-functional team in designing and developing an intelligent health analytics dashboard using PHP, MySQL, HTML, CSS, JavaScript, and Python for backend data processing.
- Integrated multiple public health APIs (weather, air quality, disease trends) to provide real-time community health insights and personalized user risk assessments.
- Developed a robust Python-based data ingestion pipeline, automating the collection and analysis of large datasets and visualizing trends with PyChart and D3.js.
- Implemented user authentication, role-based access control, and GDPR-compliant data handling, ensuring security and privacy.
- Enabled predictive analytics and AI-driven health risk alerts, improving preventive care engagement by 50%.

Electronic Store Desktop Application |
Team Leader · Tirana, Albania
October 2024 – January 2025

- Developed a desktop application using JavaFX and MVC architecture to manage store operations, enhancing efficiency by 40% in inventory tracking and sales management.
- Implemented role-based access control, allowing administrators to manage over 100+ employees and monitor financial reports.
- Designed a real-time stock update system, reducing manual errors by 30% and significantly improving inventory management accuracy.

Exchangy Currency Converter Web App |
Team Leader · Tirana, Albania
January 2025

- Developed and launched "Exchangy," a modern currency converter (exchangy.netlify.app) providing real-time exchange rates for multiple global currencies.
- Integrated Chart.js for visualizing live exchange rate trends and implemented conversion history tracking with a clear-history option.
- Designed a fully responsive UI, ensuring a seamless user experience across desktop and mobile devices.
- Leveraged ExchangeRate-API for reliable and accurate exchange rate data.

Online Portfolio |
Individual Project · Tirana, Albania
November 2023 – January 2024

- Designed and developed a fully responsive personal online portfolio, achieving a 50% improvement in page load speed through optimized JavaScript and CSS.
- Ensured an interactive, user-friendly interface while optimizing performance for seamless navigation and showcasing personal projects and skills.

ACTIVITIES AND LEADERSHIP

Google Developers Club   **Tirana,Albania**
Member   *Aug 2023 – Current*
- Participated in **Google DevFest**, gaining insights from industry experts and networking with developers.
- Engaged in **hands-on coding sessions** and workshops on emerging technologies like **cloud computing, AI, and web development**.
- Attended **Flutter workshops**, learning to build cross-platform mobile applications and enhancing UI/UX development skills.
- Collaborated with fellow developers on **hackathons and coding challenges**, improving problem-solving skills and algorithmic thinking.

Database Management Workshop

- Gained hands-on experience with SQL, database normalization, and ER diagrams, strengthening DBMS knowledge.
- Developed a mini-project to design and optimize a relational database system.

Freelance Web Developer & Graphic Designer   **Durres, Albania**
Freelancer   *Current*
- Developed and delivered **5+ websites** using **HTML, CSS, JavaScript**, improving client engagement by **40%** in Upwork.

SKILLS

Programming: C, Java, PHP, HTML, JavaScript, CSS, JavaFX, MySQL, SQLite.Currently learning Python and React.js to expand expertise in full-stack development.
Tools: IntelliJ IDEA, Eclipse, NetBeans, Visual Studio Code, MySQL, SQLite, Git, GitHub, GitLab, Bootstrap, StarUML, Draw.io, Lucidchart and Agile & Scrum methodologies

Languages

English- Level C1(Proficient)
French - Level B2