

Ermal Baki

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Skills

Backend: Java, Spring Boot, .NET, REST APIs, OOP, Clean Architecture, SOLID, System Design, DSA.

Frontend: React, Angular, TailwindCSS, Recharts.

Databases & DevOps: SQL (MySQL), Docker, Git, GitHub Actions (CI/CD), Entity Framework Core.

Soft Skills: Team Leadership, Agile/Scrum, Code Reviews, Problem-Solving, Fluent English.

Projects

PureForm

pure-form-one.vercel.app/

- Full-stack fitness tracker with intelligent workout logging and macro recommendations
- Built clean architecture backend using .NET 9 Web API, Entity Framework Core, and Repository Pattern
- Developed React 18 frontend with Recharts visualizations for body metrics and progress analytics
- Implemented JWT authentication with BCrypt password hashing and secure CORS configuration
- Designed MySQL schema for users, workouts, nutrition logs, and searchable 100+ food database

EVBGLASS

evbglass.mk/

- Production website for glass manufacturer – live and serving real customers
- Fully responsive React app with TailwindCSS, optimized across all devices
- Custom translation system supporting Macedonian, English, and Albanian without external libraries
- Direct client collaboration from requirements to deployment

Job Fair

vjobfair.org.mk

- Led a team of 6 student developers, organized sprint planning, standups and retrospectives.
- Designed and implemented a modular backend using Spring Boot and REST APIs.
- Conducted code reviews and mentored teammates to improve code quality and delivery cadence.
- Developed a scalable system using Angular (frontend) and Spring Boot (backend), enhancing platform performance.
- Added interactive features on the platform that increased usability and engagement.

Education

University Ss. Cyril and Methodius, Faculty of Computer Science and Engineering

June 2026

Bachelor of Science in Information Science: sub-degree: Software Engineering and Information Technologies