

Amer Bidzević

387-063-949-065 | bdzamer@gmail.com | linkedin.com/in/amer-bidzevic | github.com/AmerBidzevic

EDUCATION

International Burch University
Bachelor's Degree in Information Technology

Sarajevo, Bosnia and Herzegovina
Oct. 2023 - Jul. 2026

EXPERIENCE

Comp-IT Ltd.

Sarajevo, Bosnia and Herzegovina

Software Development Intern

Oct. 2025 - Dec. 2025

- Built an internal workforce operations platform across web and mobile for attendance, approvals, employee records, and operational reporting.
- Developed RESTful backend services with JWT authentication, role-based access control, and PostgreSQL persistence.
- Created responsive React web interfaces and React Native mobile screens focused on reliable day-to-day employee workflows.
- Collaborated on database design, API testing, and end-to-end feature delivery in a private production-oriented codebase.

PROJECTS

PickMyFlick - Movie Recommender System SDP

2026

Python, Flask, React, Vite, PostgreSQL, scikit-learn, Sentence Transformers

Private Repository

- Built a full-stack movie recommendation system where users rate movies and receive personalized hybrid recommendations.
- Combined collaborative filtering, TF-IDF content similarity, semantic embeddings, and confidence scoring across a 10,000-movie catalog.
- Implemented authentication, saved ratings, recommendation explanations, similar-movie search, and MovieLens evaluation comparing multiple models.

Workforce Management System - Internal Operations Tool

Oct. 2025 - Dec. 2025

Java Spring Boot, React, React Native, PostgreSQL, REST API, JWT, Vite

Private Repository

- Delivered a private full-stack system for employee attendance, contracts, approvals, and internal reporting during internship.
- Implemented authenticated REST API flows with role-based permissions and PostgreSQL-backed employee and workflow data.
- Built coordinated React and React Native interfaces for managers and employees to complete operations across devices.

Secure Login System - SSSD Project

2026

TypeScript, Express, MySQL, bcrypt, JWT, OAuth 2.0, hCaptcha, TOTP MFA

Archived Repository

- Built a TypeScript/Express authentication system with bcrypt hashing, JWT access/refresh cookies, token rotation, and session revocation.
- Added Google/GitHub OAuth, hCaptcha, TOTP/email/SMS MFA, trusted devices, recovery codes, and password reset flows.
- Implemented rate limiting, audit logs and security alerts, HIBP checks, role-aware auth data, and parameterized MySQL access.

Respawn Shop - E-commerce Web Application

Jan. 2025 - Apr. 2025

PHP, FlightPHP, MySQL, JavaScript, HTML/CSS, Bootstrap

GitHub Repository

- Developed a full-stack gaming merchandise store with authentication, product browsing, cart, and checkout flows.
- Built RESTful PHP/FlightPHP endpoints with JWT authentication, server-side validation, and MySQL persistence.
- Designed responsive Bootstrap interfaces and tested API behavior with Postman throughout development.

BiteMe Sarajevo - Mobile Place Recommendation App

2026

TypeScript, Expo, React Native, Expo Router, Location APIs, OpenStreetMap

GitHub Repository

- Built a mobile-first Expo app recommending Sarajevo coffee and food places by budget, distance, travel mode, and preferences.
- Integrated live location, explained rankings, Google Maps shortcuts, OpenStreetMap data, and offline fallback places.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, C++, Kotlin, HTML/CSS

Frameworks/Libraries: Spring Boot, Flask, React, React Native, Expo, Node.js/Express, Bootstrap, Jetpack Compose

Data/ML: PostgreSQL, MySQL, SQLite, pandas, NumPy, scikit-learn, Sentence Transformers

Tools/Concepts: Git, Vite, Figma, Postman, DBeaver, REST APIs, JWT, OAuth, MFA, hCaptcha, Rate Limiting, Input Validation, Access Control, OOP