

Fidan Zeynalli

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PROFESSIONAL SUMMARY

Recent Computer Programming & Analysis graduate with a 3.84 GPA and experience building backend and full-stack applications using C#, ASP.NET Core, JavaScript/TypeScript, Java, and Rust. Hands-on experience with SQL, PostgreSQL, database design, REST APIs, authentication, object-oriented programming, debugging, testing, and Git, with a strong interest in building reliable enterprise software and improving backend systems.

HIGHLIGHTS OF QUALIFICATIONS

- Ranked in the top 14.9% globally and 9th in Canada in the IEEEExtreme 18 (2024) competitive programming competition.
- Built backend, distributed, real-time, mobile, and full-stack applications using Rust, Java, JavaScript/TypeScript, C#, and Kotlin.
- Hands-on experience working across Windows, macOS, Linux, mobile, web, and software development environments, with a strong foundation in troubleshooting and technical problem-solving.

TECHNICAL SKILLS

Programming Languages: Rust, Java, JavaScript/TypeScript, Python, C#, Kotlin

Backend: Spring Boot, Node.js, Express, ASP.NET, GraphQL, Socket.IO

Frontend: React, React Native, Angular, HTML, CSS

Databases: PostgreSQL, MongoDB, MySQL, SQLite, Redis

Machine Learning: NumPy, Pandas, Seaborn, Scikit-learn, TensorFlow, Keras

Tools & Platforms: Docker, Apache Kafka, Git, GitHub, Linux, Jenkins, Kubernetes, Gradle

Software Development: REST APIs, Microservices, Object-Oriented Programming, Distributed Systems, Real-Time Systems, CI/CD, Agile/Scrum

EDUCATION

George Brown Polytechnic

Ontario College Advanced Diploma in Computer Programming & Analysis (GPA: 3.84)

January 2024 – April 2026

Toronto, ON

CERTIFICATIONS

- Cisco IT Essentials Certificate (2023)**

PROJECTS

Smart Inventory Management System | C#, ASP.NET Core MVC, PostgreSQL, Entity Framework Core

- Developed a full-stack inventory management system for tracking products, categories, inventory levels, and customer orders.
- Implemented role-based authentication and business workflows using ASP.NET Identity and ASP.NET Core MVC.
- Integrated PostgreSQL and Entity Framework Core to support inventory tracking, reporting, and reliable data management.

GitGPT | Rust, Axum, Tokio, SvelteKit, SQLite, OAuth, Microsandbox

- Engineered a full-stack source-code exploration platform using an asynchronous Rust/Axum backend and SvelteKit frontend.
- Built APIs for repository browsing, code search, file editing, and LLM-assisted codebase analysis, with OAuth-based provider authentication and managed repository sessions.
- Designed the end-to-end application architecture across repository ingestion, sandboxed command execution, authenticated provider access, session lifecycle management, and persistent storage.

Employee Management System | Angular, Node.js, GraphQL, MongoDB

- Developed a full-stack employee management system with Angular frontend and Node.js/GraphQL backend supporting authentication and employee management workflows.
- Implemented JWT authentication, employee search and filtering, CRUD operations, Cloudinary image uploads, and MongoDB Atlas persistence through a GraphQL API.

Microservices Wellness Platform | *Java, Apache Kafka, Docker, Redis, MongoDB, PostgreSQL*

- Developed a Java-based microservices wellness platform using Apache Kafka for event-driven communication between distributed backend services.
- Integrated Docker, Redis, MongoDB, PostgreSQL, and Avro serialization to support scalable data processing and reliable inter-service communication.

Process Manager 3 | *Rust, Tokio, Ratatui, Crossterm*

- Developed the CLI and interactive TUI client for a lightweight process management and monitoring system written in Rust.
- Implemented secure asynchronous communication between the client and daemon using Tokio and authenticated encryption.
- Built real-time process monitoring, remote process controls, log viewing, status reporting, and configuration management using Ratatui and Crossterm.

PROFESSIONAL EXPERIENCE

Social Media Content Creator

December 2023 – August 2024

Enjoy Baku Breeze

Baku, Azerbaijan

- Created and published Facebook and Instagram content promoting tours, attractions, and travel experiences for a local tourism business in Baku.
- Used audience insights, engagement data, keywords, captions, and platform trends to improve content reach and attract prospective customers.
- Produced promotional visuals and written content while responding to customer inquiries about available services and travel offerings.

Social Media Content Creator

September 2023 – June 2024

Parfum AE Azerbaijan

Remote – Dubai, UAE

- Managed content and customer communication for the Instagram account of a Dubai-based perfume company with thousands of followers.
- Designed, scheduled, and published product and location-based content while maintaining a consistent brand style and voice.
- Studied the company's perfume products and responded accurately to customer questions about fragrances, availability, and the business.
- Reviewed audience analytics and competitor content to refine posting strategies and improve reach, engagement, and follower growth.