Elshad A
Senior Software Engineer

SUMMARY

- Software engineer with 20+ years of experience specializing in Node.js (TypeScript) and Python, architecting microservices and event-driven systems using Kafka/ Redpanda, ClickHouse, and PostgreSQL.
- Official Oracle Contributor, Active community events/meetups organizer, and open source projects contributor
- Proficient in designing scalable APIs with gRPC, tRPC, and Protobuf, implementing CI/ CD pipelines with GitLab CI/GitHub Actions, Docker, and Terraform.
- Holds a Bachelor's degree in Automation and Computer Technologies. Strong background in system design, cloud-native architectures, and observability practices, including structured logging, metrics, and tracing.

TECHNICAL SKILLS

Main Technical Skills	Node.js (5 yr.), TypeScript (5 yr.), Python (4 yr.), PostgreSQL (5 yr.)
Programming Languages	Python (4 yr.), TypeScript (5 yr.)
Mobile Frameworks and Libraries	Crashlytics
JavaScript Libraries and Tools	Ethers.js (1 yr.), React Native, Redux-Saga (4 yr.), Web3.js (1 yr.)
JavaScript Frameworks	Ext JS (4 yr.), Node.js (5 yr.), React (4 yr.)
Python Frameworks	FastAPI (5 yr.)
Security	OPA (5 yr.)
Databases & Management Systems / ORM	Clickhouse (5 yr.), PostgreSQL (5 yr.), Redis (5 yr.), Supabase
UI Frameworks, Libraries, and Browsers	Bootstrap 4 (4 yr.), Tailwind CSS (4 yr.)
Amazon Web Services	AWS API Gateway (5 yr.)
SDK / API and Integrations	AWS API Gateway (5 yr.), FastAPI (5 yr.), Keycloak (5 yr.)
Methodologies, Paradigms and Patterns	Clean Architecture (5 yr.), microservices (5 yr.), SOLID (1 yr.), TDD (5 yr.)
Virtualization, Containers and Orchestration	Docker (5 yr.), Terraform (5 yr.)

Blockchain and Decentralized Software	Ethers.js (1 yr.)
Version Control	Github Actions (5 yr.)
Deployment, CI/CD & Administration	GitLab CI (5 yr.)
Mail / Network Protocols / Data transfer	GRPC (5 yr.)
Message/Queue/Task Brokers	Kafka (5 yr.)
File Systems, Storage	Protobuf (5 yr.)
Other Technical Skills	Data Structures (5 yr.)

EMPLOYMENT HISTORY

- **iGaming** 02/2025 - 02/2026 (1 year)
- **Ozio** 01/2024-01/2025 (1 year)
- **EvaMatch** 12/2020-01/2023 (2 years)
- **Turing.com** 06/2019 – 11/2022 (3 years)
- **Tech Academy** 2018-2019 (1 year)
- **Rabita Bank** 2014 – 2018 (4 years)
- **Qafqaz University** 2010 – 2014 (4 years)
- **F5 MMC, iCanDo LTD** 2004 – 2010 (6 years)

WORK EXPERIENCE

Senior FullStack Developer (NDA, iGaming high-load traffic)

Duration: 02/2025 – 02/2026

Summary:

- A confidential iGaming platform project focused on delivering a high-quality gaming experience
- The project involved building scalable and secure systems for online gaming, ensuring compliance with industry standards and regulations

Responsibilities:

- Developed and maintained full-stack features for the iGaming platform.
- Ensured system scalability and security compliance.
- Collaborated with cross-functional teams to deliver project milestones.

Technologies: Node.js, TypeScript, Microservices, Kafka/Redpanda, ClickHouse, Postgres, Redis

System Architect - Ozio+ (Real-time delivery matching & geolocation system)

Duration: 01/2024 – 01/2025

Summary: Development of a real-time delivery matching and geolocation system designed to optimize delivery logistics by matching delivery requests with available couriers using geolocation data.

Responsibilities:

- Architected the system design and microservices architecture.
- Led the development of real-time data processing and geolocation features.
- Ensured system reliability and performance under high load.

Technologies: Node.js, TypeScript, Microservices, Kafka/Redpanda, Postgres, Redis

Co-founder/CTO EACAMP LLC (coding academy)

Duration: 02/2023 – 12/2025

Summary:

- Founded and led a software development and coding academy delivering projects such as UserSnap (Web3) and GlobalMedBooking (Healthcare platform)
- The academy focused on training developers and delivering innovative software solutions

Responsibilities:

- Managed company operations and project delivery.
- Oversaw development of Web3 and healthcare platform projects.
- Provided technical leadership and mentorship.

Technologies: Node.js, TypeScript, Python, Web3.js, Solidity, React.js, Next.js

Back-end Developer - EvaMatch

Platform Founding Engineer

Duration**:** 12/2020 – 12/2022

Summary:

- Backend development for EvaMatch, a platform presumably focused on matchmaking or related services
- The role included the development and maintenance of backend services to support platform functionality

Responsibilities:

- Developed backend services and APIs.
- Maintained system stability and performance.
- Collaborated with frontend and product teams.

Technologies: Node.js, TypeScript, Python, Microservices, Kafka/Redpanda, Postgres, Redis

Web3 Developer - EvaMatch (Serpenta.io)

Duration**:** 05/2021 – 08/2021

Summary: Short-term blockchain project focused on Web3 development, involving smart contract and decentralized application development.

Responsibilities:

- Developed smart contracts and Web3 integrations.
- Implemented blockchain-based features and token standards.

Technologies: Solidity, Web3.js, Ethers.js, Node.js, TypeScript

FullStack Developer - Turing.com

Duration: 06/2019 – 11/2022

Summary:

- Remote full-stack development for Turing Inc, a company that provides remote software engineering talent to global clients
- Worked on multiple projects involving modern web and backend technologies

Responsibilities:

- Developed full-stack applications using Node.js and React.js.
- Implemented microservices and cloud-based solutions.
- Collaborated with international teams and clients.

Technologies: Node.js, TypeScript, React.js, Microservices, Kafka, Postgres, Redis

Co-Founder (Tech Academy)

Duration: 01/2018 – 06/2019

Summary: Co-founded a tech academy focused on training software developers and providing educational resources to enhance technical skills.

Responsibilities:

- Organized and led training sessions and workshops.
- Developed curriculum and educational content.
- Managed academy operations and student engagement.

Senior Front-end Developer - Rabita Bank

Duration: 2014 – 2018

Summary: Developed and maintained front-end applications for Rabita Bank, enhancing user experience and implementing responsive design for banking services.

Responsibilities:

- Developed front-end features using React.js and TypeScript.
- Optimized performance and user interface.
- Collaborated with backend teams to integrate APIs.

Technologies: React.js, TypeScript, Redux, CSS, Bootstrap

Senior Web Developer - Qafqaz University

Duration: 2010 – 2014

Summary: Developed web applications and maintained university websites to support academic and administrative functions.

Responsibilities:

- Designed and implemented web solutions for university needs.
- Maintained and updated existing web applications.
- Ensured website security and performance.

Technologies: Java SE, Web Development

Backend Developer - F5 MMC, iCanDo LTD

Duration: 2004 – 2010

Summary:

Backend development for F5 MMC, focusing on server-side logic and database management to support business applications.

Web development role involving creation and maintenance of websites and web applications for iCanDo LTD.

Responsibilities:

- Developed backend services and APIs.
- Managed database integration and optimization.
- Collaborated with frontend developers for seamless integration.
- Developed and maintained company websites.
- Implemented web design and functionality improvements.

EDUCATION

- **Berkeley Coding Bootcamp**
  Researching for bootcamps
  01/2018 - 04/2018
- **Azerbaijan Technological University**
  Bachelor, Automation and Computer Technologies faculty
  09/2004 - 05/2008

OPEN SOURCE PROJECTS AND COMMUNITY EVENTS

- **Frontiers For AI, Open-Source & Entrepreneurship, Organizer & Community Leader @ GOUP** 12/2023
  https://www.instagram.com/p/C7lzoGLt8Pa/
  https://www.instagram.com/p/C7i26V_Nvlx/
- **TechBrains AI 2023, Organizer & Community Leader @ GOUP**
  11/2023
  https://www.instagram.com/p/CzmTvOKAyI4/
- **EURASIAN STARTUP AWARDS 2020**
  Jury member 11/2020 - 12/2020
- **EURASIAN STARTUP AWARDS 2019**
  Jury member 11/2019 - 12/2019
- **OFFICIAL CONTRIBUTOR OF ORACLE**
  for MySQL product

01/2014
https://bugs.mysql.com/bug.php?id=72259
https://www.youtube.com/watch?v=QuQmlUzRm9k