# Arsen Arakelyan

## Backend Software Engineer

Current location: **Berlin, Germany**

Telegram Gmail LinkedIn GitHub

## ABOUT ME

**As a Backend Engineer with 3+ years of experience in Software Engineering.** I have experience working primarily with **Node.js as well as Cloud Solutions** and worked in various sectors like **healthcare, education, e-commerce, and infrastructure automation (IDP),** so I can adapt to different domains.

## SKILLS

**Languages:** JavaScript, TypeScript
**Technologies:** Node.js (Express.js, Nest.js) GraphQL (Apollo), RabbitMQ, Redis, Stripe
**Databases:** PostgreSQL, TypeORM, Knex.js, MongoDB, Mongoose
**DevOps:** Linux, Docker, Kubernetes, ArgoCD, GitHub, GitLab, AWS (EC2, S3, Lambda, AWS SAM, EKS), Terraform, Ansible

## EXPERIENCE

**Backend Engineer, Kepler Technologies** | Contractor          *11.2022 – 02.2023*

**Project description: meMR Health** is a fully **automated AI record retrieval platform** that auto-categorizes & transforms records into high-yield data.

**Responsibilities:**

- Developed a **doctor-specific admin panel to replace the Zoho dashboard.**
- Migrated from **Firebase to AWS Cognito for streamlined services.**
- Boosted **development and testing efficiency through CI** process implementation.
- Created and optimized indexes for PostgreSQL
- **Optimized dynamic pdf file generation from 80 sec to 15 sec.**

**Tech Stack**: TypeScript, Node.js, PostgreSQL, Docker, GitLab, AWS (Cognito, EC2, IAM, OpenSearch)

**Software Engineer, EPAM Systems** | Full Time          *12.2021 – 09.2022*

**Project description: Internal Developer Platform** for automating infrastructure processes.

**Responsibilities**:

- Worked on an **Internal Developer Platform for automating infrastructure** processes and environment setup **which reduced onboarding time by 2.6x!**
- **Configured CI/CD processes,** including ESLint, Prettier, **GitHub Webhooks/Actions, and ArgoCD for Kubernetes.**
- Optimized the MongoDB Models for better performance.
- Used Xstate.js for **dynamic task management within a state machine.**
- **As a Key Developer I was Responsible for interviewing and onboarding our new team members, and also have experience with interviewing Engineers**

**to external who wanted to join the company.**

**Tech Stack**: TypeScript, Node.js, MongoDB, Jest, XState.js, Docker, Kubernetes, ArgoCD, SonarQube, AWS (SAM, Lambda, API Gateway, IAM), Hashicorp (Vault, Terraform)

**Non-project activities: Mentored 3 mentees in the Global Node.js Mentorship Program.** Conducted code reviews to ensure quality and industry standards. Organized Q&A sessions and paired programming for effective learning.

**JavaScript Engineer, MobiDev** | Full Time                    *05.2021 – 12.2021*

**Project description:** Created new features and fixed bugs from the last developers, for **STEERus** which is specified in soft skills.
**Responsibilities:**

- Developed **GraphQL schemas and services for user requests.**
- Implemented **features for uploading images and videos to AWS S3 for tutors.**
- Developed **real-time streaming lessons functionality using Mux.**
- Implemented the **whole checkout and billing feature with Stripe** for ordering the courses.
- Optimized database queries, cause used the knex.js

**Tech Stack**: TypeScript, Node.js, GraphQL, AWS (RDS, EC2), PostgreSQL, SendGrid, Stripe, Mux, Ngrok, Docker

**Project description: AVELYN is an innovative online platform** that bridges the gap between wine producers and enthusiasts.
**Responsibilities:**

- Developed the whole **search functionality for users to find wines by name or brand back/front sides.**
- Implemented a **filtering and sorting functionality for wines based on region, grape, and style.**
- Implemented the **whole checkout and billing feature with Stripe for ordering wines.**

**Tech Stack**: TypeScript, Node.js, Nest.js, React, Redux, AWS (RDS, EC2), PostgreSQL, Docker, Stripe

**Node.js Engineer, Chi Software** | Full time                    *07.2020 – 05.2021*

**Project description:** Break down the **monolith with Python and Django to microservices with Node.js and Typescript,** for better performance for **Chewy.**
**Responsibilities:**

- Rewrote 2 services **for dynamic price calculation and logistic processes from 8 microservices.**
- Managed **5 service chains flow of queues for efficient data flow.**
- **Optimized database queries for improving ORM performance.**

**Tech Stack**: TypeScript, Node.js, AWS (RDS, EC2, SNS, SQS), PostgreSQL, RabbitMQ, Docker

## EDUCATION

**Kharkiv National University of Economics (KNUE)**                     *09.2014 – 12.2019*

Management of financial risks of the enterprise. Master's degree