Arsen Arakelian
Backend Software Engineer

Current location: Berlin, Germany   Telegram Gmail LinkedIn GitHub

ABOUT ME

As a **Backend Engineer with 4+ years of experience in Software Engineering.** I have experience working primarily with **Node.js and Cloud Solutions with AWS**. 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   *01.2023 – Present*

Project description: meMR Health, is a fully **automated AI platform for efficient record retrieval** and data transformation.

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 – 01.2023*

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

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.**
- Used Xstate.js for **dynamic task management within a state machine.**
- **As a Key developer,** I managed **interviews and onboarding** for new team members and engineers.

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** for **STEERus** which is specified in **education of 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.
- Improved **database efficiency with raw SQL queries** by using knex.js.

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

Project description: AVELYN is an online platform that connects 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   *06.2020 – 05.2021*

Project description: Upgraded **Chewy's** system from a Python/Django monolith to a more efficient Node.js and TypeScript microservices architecture.

Responsibilities:

- Implemented **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