Edgar Sargsyan

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Summary

I'm Senior Back End Software Engineer and Cloud Solution Architect with **5+ years of experience** in building massively scalable systems (mostly using **JavaScript, TypeScript, Node.js**) both from scratch and diving into an existing codebase. My aim is not only to establish coding but also to provide relevant and clear-cut coding methods that are implemented in order to attain the most efficient coding system possible, writing of the high-performance code, increasing code coverage by unit and integration tests, saving time and resources for wasting, acceleration of releases, hardworking, team management, decision making, and problem-solving, strong communication and collaboration, I'm able to motivate and lead others in a team environment, to work in a team, and in stressful situations.

Skills

Programming Languages: JavaScript, TypeScript, SQL, Python

Technologies: Node.js, AWS, Serverless, Express.js, Nest.js, WebSockets, Jasmine, Jest, Sinon, Mocha, Chai, ExtJS, RabbitMQ, Kubernetes, Docker/Docker-compose, OpenCV, Keras, Terraform, Tensorflow, Blockchain, Solidity

Tools: GitLab, GitHub, Bitbucket, Jenkins, Jira, Trello, Asana

Source Control: Git, SVN

Methodology: Agile, Scrum, Kanban

Databases: Redis, MongoDB, MySQL, SQL, MsSQL, PostgreSQL, DynamoDB, Cassandra DB, Hana DB

IDE: VS Code, Vim

Accomplishments:
- ✓ split a monolithic system into microservices
- ✓ shortened release time
- ✓ turned a single-app single-db system into a distributed service
- ✓ building cloud application architecture
- ✓ building solution and database architecture for the big projects
- ✓ database queries optimization
- ✓ implemented benchmarking and load tests
- ✓ introduced continuous software delivery process

Work Experience

<u>Senior Software Engineer</u>, *Onsweb*, Rotterdam, NL (from Preezma comp)   **Apr 2021 - Present**

Working on the Onsweb projects based on Node.js, Express, TypeScript, Nest.js, MsSQL, Hana DB, MySQL, Docker/Docker-Compose, ODBC, Kubernetes, Jira, Git/GitLab.

<u>Senior Software Engineer</u>, *Digital14*, Dubai, UAE (from Preezma comp)   **Nov 2020 – Apr 2021**

*Project: TAMM (*Node.js, TypeScript, Express, Kibana, Docker, Kubernetes, Redis, MariaDB, Jest, GraphQL, Swagger, Jira, GitLab*) - Abu Dhabi Government Service. A unified system helping you find Abu Dhabi government services and information*

Accomplishments:
- ✓ work on existing microservices (more than 500)
- ✓ building new microservices
- ✓ sped up of microservices performance
- ✓ SQL queries optimization
- ✓ Increase Unit tests coverage

Back End Software Engineer and Cloud Architect, *Preezma,* Yerevan, ARM **Oct 2019 - Present**

 1. **Chatmantics** (Node.js, Serverless, AWS, MySQL, GitHub) - Conversations that drive efficient customer acquisition
 2. **Rostermetrics** (Node.js, Serverless, PostgreSQL, AWS, GitHub) - Machine Learning Powered Fantasy Sports Projections
 3. **Memo** (Node.js, Express, MySQL, AWS, Docker, GitHub) – A platform to order pictures in frames
 4. **Carrier Community** (Node.js, Express, Socket.io, PostgreSQL, Docker, Bitbucket) - The global Community for telecom industry

Accomplishments:
- ✓ REST API implementation
- ✓ Socket.io integration for the conversation functionality
- ✓ AWS Cloud Architecture
- ✓ Building solution architecture
- ✓ Building Serverless applications
- ✓ creating automated conversation and messaging system
- ✓ Payment systems integration
- ✓ Relevant APIs integration

Back End Software Engineer, *LS Innovations,* Yerevan, ARM   Jan 2018 — Oct 2019
 1. **Mytravelbiz** (Node.js, Serverless, DynamoDB, AWS, Selenium, GitHub) - Mytravelbiz is a platform for buying and booking airline tickets, booking cars and hotels. Also, have a multilevel marketing, wallet, direct sales, own coin TLC, matching, and automated buying algorithms
 2. **Addlooker** (Node.js, Express, Elasticsearch, AWS, CasandraDB, GitHub) - VR and AR Network
 3. **Snowbuss** (Node.js, Express, GraphQL, AWS, MongoDB, GitHub) - A similar platform with Mytravelbiz but in the field of ski resorts

Accomplishments:
- ✓ Building Serverless applications
- ✓ AWS cloud architecture
- ✓ payment methods integration (Stripe, PSI Gate, Shopify, AliPay, CoinPayments, etc …)
- ✓ Booking APIs integration (Expedia, Priceline, etc …).
- ✓ Blockchain, building smart contracts, ICO
- ✓ Building algorithms (matching algorithms, auto buy, etc …)

Back End Engineer and Cloud Architect, *as Freelancer in Upwork an Kwork*   **from Nov 2016**
 Work on various projects based on Node.js, Express, Serverless, AWS, Lambda/Lambda Edge, DynamoDB, SQL, and NoSQL databases.
 E-coShip (Node.js, Express, MongoDb, GitLab) - eCommerce Platform works with eBay, Amazon, Magento and delivery platforms DHL, IPO, DPD etc…

Accomplishments:
- ✓ Building Lambda/Lambda EDGE functions
- ✓ Creating algorithms to get hashes and optimizations
- ✓ Work with relevant Crypto Exchange APIs
- ✓ Work with Amazon Web Services (AWS)

Education

Gyumri State Pedagogical University, ARM   2009 - 2013
Research area — Mathematics and Physics, Informatic.