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

Senior Software Engineer, *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.

Senior Software Engineer, *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

<u>Back End Software Engineer and Cloud Architect,</u> *Preezma,* Yerevan, ARM Oct 2019 - Present
1. **Chatmantics** (Node.js, Serverless, AWS, MySQL, GitHub) - Conversations that drive efficient customer acquisition

Accomplishments:
✓ building cloud and database architecture
✓ building Serverless application
✓ creating automated conversation and messaging system

2. **Rostermetrics** (Node.js, Serverless, PostgreSQL, AWS, GitHub) - Machine Learning Powered Fantasy Sports Projections

Accomplishments:
✓ building cloud architecture and database architecture
✓ building Serverless application

3. **Memo** (Node.js, Express, MySQL, AWS, Docker, GitHub) - Order Memo, and your lovely memories would appear in your pics
Accomplishments:
✓ building solution architecture and database architecture
✓ payment system integration

4. **Carrier Community** (Node.js, Express, Socket.io, PostgreSQL, Docker, Bitbucket) - The global Community for telecom industry
Accomplishments:
✓ REST API implementation and Socket.io integration for the conversation functionality

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
Accomplishments:
✓ building Serverless application
✓ AWS cloud architecture
✓ payment methods integration(stripe, PSI Gate, shopify, alipay, coinpayments)
✓ booking APIs integration
✓ blockchain, building smart contracts, ICO
✓ building algorithms
2. **Addlooker** (Node.js, Express, Elasticsearch, AWS, CasandraDB, GitHub) - VR and AR Network
3. **Snowbuss** (Node.js, Express, GraphQL, AWS, MongoDB , GitHub) - VR and AR Network
3. **E-coShip** (Node.js, Express, Mongodb, GitLab) - eCommerce Platform works with eBay, Amazon, Magento and delivery platforms DHL, IPO, DPD 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, DynamoDB, SQL, and NoSQL databases

Education

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