

# Edgar Sargsyan

## Back End Software Engineer || Cloud Solution Architect

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## Languages

Armenian: Native

Russian: Advanced

English: Upper-Intermediate

## Key skills

- Coding and scripting skills
- Software security skills
- Strong team management, decision making, and problem-solving skills
- Strong communication and collaboration skills

## Professional Summary

I'm Back End Engineer and Cloud architect. 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. I'm able to motivate and lead others in a team environment, to work in a team, and in stressful situations.

## Skill Highlights

- Cloud Application Architecture
- Serverless Application
- AWS services (IAM, EC2, Lambda, Step Functions, S3, DynamoDB, Aurora, RDS, API Gateway, CodePipeline, CodeDeploy, CodeBuild SES, SNS, SQS, VPC, Route53, CloudWatch, CloudFormation, CloudFront, Amazon ECS/ECR (Docker) etc...)
- Programming Languages – JavaScript, TypeScript, Python
- Databases – Redis, MongoDB, MySQL, SQL, PostgreSQL, DynamoDb, Cassandra Db
- Dev Ops ( Docker, Linux, Chef, Jenkins, Kubernetes)
- Node.js frameworks – Express, Serverless, Koa, Hapi
- CI/ CD, Unit and Integration tests (Mocha, Chai, Jest, Sinon)
- Payment Systems (Stripe, CoinPayments, SnapPay, Ameria, Idram etc...)
- Blockchain
- Git, Github, Bitbucket, GitLab

## Education

Bachelor of Mathematic and Physic 2009 - 2013

Techno Education Academy 2017 : HTML/CSS/Bootstrap/SASS JavaScript/jQuery SQL/MySQL/MongoDB Node.js/Express.js

## Experience

Software Engineer(from Preezma company): (from 04-2020 to Present) 

- Prioritizing tasks and workloads in order of importance
- Hardworking
- Motivating and lead others in a team environment
- Documents making, analysis, and research
- Agile / Scram / Kanban (Jira, Trello, Asana)

## Accounts



GitHub



Stackoverflow



Linkedin



Upwork



Kwork

## Interests

- Machine Learning and AI
- Hacking and Security
- Sport and Extreme
- Snowboarding
- Films and Music

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

Software Engineer(from Preezma company): (from 11-2020 to 04-2021) digital4

- **Abu Dhabi Government Services - TAMM**: A unified system helping you find Abu Dhabi government services and information (**Node.js, Express, TypeScript, Docker, Docker-Compose, Kubernetes, Redis, MariaDB, GraphQL, Swagger, Calamary, Kibana, GitLab**). TAMM, a product of Ghadan 21 and developed through the cooperation with all government entities in Abu Dhabi, harnesses the latest technologies and digital solutions to provide seamless service experiences for customers. Operated by Abu Dhabi Digital Authority (ADDA), the ecosystem provides its customers with a comprehensive range of government services through one single point of access at any time and place. Using TAMM, customers can have direct access to services and information without having to visit each and every government entity. TAMM continues to advance the digital transformation in Abu Dhabi by providing all Abu Dhabi citizens, residents and visitors with high quality and efficient government services through safe and integrated digital platforms.

Back End Software Engineer || Cloud Architect at Preezma (from 10-2019 to Present) Preezma\_

- **Chatmantics**: Conversations that drive efficient customer acquisition. Chatmantics is a conversational automation platform that allows you to plan, deploy and integrate virtual assistants powered by AI and Natural Language (**Node.js, Serverless, AWS, Aurora(MySql), GitHub**) . Payment method integration(Stripe). Different tables data getting, filtering, searching, sorting and exporting as CSV.IBM Watson API integration (Bots). Nexmo and Bandwidth APIs integration.Automated voice and text messaging system implementation.
- **Roster Metrics**: Machine Learning Powered Fantasy Sports Projections (**AWS, Serverless, Node.js, PostgreSQL, GitHub**). I'm worked on Back End, Database and Cloud Architecture. Payment method integration(Stripe). Integration SportsData.io API.Syncing data with SportsData.io API (NBA, MLB, NFL, NHL, MMA, PGA, etc...), Projections getting, filtering, searching, sorting and exporting as CSV. Lineup Optimizer implementation using R scripts
- **Memo.am**: Order Memo, and your lovely memories would appear in your pics. (**AWS S3, Node.js, Express, Docker, Docker-Compose, MySql, GitHub**). I'm worked on Back End, Database and Cloud Architecture.I'm worked on Back End, Database Architecture and DevOps. Payment methods integration(Ameria bank, Idram).
- And also work on Preezma startups

Back End Software Engineer at LS Innovations (from 01-2018 to 10-2019) LS INNOVATIONS

- **Mytravelbiz**: Mytravelbiz is a platform for buying and booking airline tickets, booking cars and hotels. Also, have a Multilevel Marketing, Wallet and Direct Sales (**AWS, Serverless, Node.js, DynamoDB, GitHub**) Worked with different API-s for getting, booking, buying, updating and canceling Hotels, Cars, and Airline tickets(Priceline, Expedia, etc... ). Implementation Payment Methods(Stripe, SnapPay, PCI Gate, CoinPayments). KYC system. Created MTB Wallet with its own payment system. Also worked on creating an admin panel to manage all system.
- **Travelcoin Foundation**: Purchase system of coins that you can spend in Mytravelbiz platforms (**AWS, Serverless, Node.js, DynamoDB, GitHub**). Auto Buy system. Matching algorithm system.Coins purchase with different coins(BTC, ETH, etc...). Deployed Smart contracts. Also worked on creating an admin panel to manage all system.
- **Travelcoin Plus**: ICO
- **E-coShip**: eCommerce Platform works with eBay, Amazon, Magento and delivery platforms DHL, IPO, DPD etc... (**Node.js, Express, Mongoddb, GitLab**).
- **Adlooker**: VR and AR Network (AWS, Serverless, Node.js, DynamoDB, GitHub).
- **Snowbus**: A similar platform with Mytravelbiz but in the field of ski resorts. (**AWS, Serverless, Node.js, GraphQL, MongoDB, GitHub**).
- Mobile app and admin panel for China restaurants.
- And also work on LS Innovations startups.

## Back End Engineer And Cloud Architect (Freelancer) (from 04-2017)

- Lambda functions and AWS Services
- Serverless applications
- Solutions Architecture
- Worked with Crypto Exchange APIs
- Parsed APIs data and inserted to Postgresql database
- Configured VPS servers
- Deploy and run projects on VPS and VDS servers