

# Erik Nguita

Desired Position: **Backend Engineer**

Former marine officer with a desperate love to code.

Have commercial, freelance experience & more than 7 years working on different projects.

My current stack of technologies is JavaScript / TypeScript / Node JS / KOA / NEST / GraphQL / React / NEO4J / POSTGRES. / RABBIT MQ  
Experienced in deployment and basic devops operations.

Formerly worked with PHP (custom mvc, zendframework2,3), MYSQL, plain js, jquery.

## COMMERCIAL PROJECTS:

### - Company - PUMB (First Ukrainian International Bank) - (currently)

- Technology: Typescript, Nodejs, Postgres, Redis, Kubernetes, Microservices, RPC, Nest, RabbitMQ, Helm Charts, Functional TypeScript, Vault, Keycloak, Jaeger, Prometheus.

Participation:

- Fixing and adding features to existing microservices;
- Creating new microservices to implement new features and requirements;

### - Company - Digis - 01.2021 - 12.2021

- Technology: Typescript, Nodejs, Koa/Express, Postgres, Kubernetes

Participation:

- Implementing new features, fixing bugs.
- Server-side-rendering for frontend REACT client
- Integrations with side API's:
  - Shopify (GraphQL/REST API)
  - Hubspot (REST API)
  - Rapnet (SOAP API)
- Microservice architecture development & deployment on google cloud

<http://cloud.picupmedia.com/> – frontend dashboard for picupmedia

<http://api.cloud.picupmedia.com/docs> – API for picupmedia backend

<http://gallery.cloud.picupmedia.com/> – GALLERY for picupmedia project

### - Company - Boost (2018-2019 - the company closed)

- Technology: React, Node, Express, HTML5, CSS3, TypeScript

Participation: Fixed issues, created new features, Optimized some code, Wrote test on front and back side

### - Company - Xovi.DE (2017-2018)

- Technology: PHP, ZENDFRAMEWORK, MYSQL, JQUERY, HTML5, CSS3

Participation: Functionality for parsing and other instruments for SEO optimization

## PERSONAL PROJECTS: 2014-2021

<http://askseaman.com> – FULL STACK Q&A PLATFORM

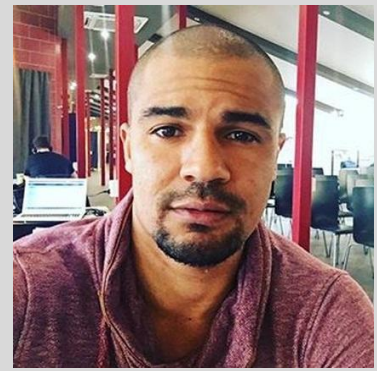
- Full stack project built with GraphQL, REACT, APOLLO, NEO4J, TYPESCRIPT containerized using docker containers and served with NGINX
- Database schema & Type definitions based on project prototype
- Query/Mutation resolvers for auth & other CRUD operations
- Reusable React components & full sections
- Server & client side authentication
- Image uploads/cropping & cloud hosting
- Launching and setting up ubuntu server on amazon AWS
- Setting project parts as a multiple services using Docker containers
- For more see repo: <https://github.com/erik7z/askseaman.com>

<https://api.seacontact.ru> – REST JSON API

- API for mobiles was developed using all necessary standards and requirements for API RPC interfaces. Currently I'm working on a mobile application which is using this API.
- API landing page and extensive documentation

<https://admin.seacontact.ru> – MAIL SERVER, PDF GENERATION, PARSING CRAWLERS

- Seamans database parsed from other sources using custom CURL based crawlers
- Mailing system for admin panel using custom mail server based on SendMail & PostFix.
- Generating a pdf file of user cv's using various pdf generating techniques.
- Organising permission system for social network users using RBAC and ACL



## CONTACTS:

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LINKEDIN:

[linkedin.com/in/eriknguita/](https://linkedin.com/in/eriknguita/)

## TECHNICAL SKILLS:

### Computer Languages:

Javascript, Typescript, Functional Programming (fp-ts), SQL, Cypher Query Language

### Web Development:

Express, KOA, Nest, GraphQL, React

### Testing frameworks:

Mocha JS, Jest

### Server Software:

Nginx, Apache, Node.JS, Docker, Kubernetes.

### Databases/ORM:

MySQL, Postgres, Neo4j, MongoDB, Redis, ElasticSearch

### Frameworks:

Express, KOA, Nest,  
JS - React JS, Apollo GraphQL  
PHP - Zend Framework 2/3

### Other:

Rabbit MQ, Socket.io, Vault, Keycloak, Jaeger Tracer

### Development Software:

VSCode, PhpStorm, Sublime Text, Postman, MySQL Workbench, Robo 3T, Altair GraphQL, Android Studio, Git, Bitbucket

### Operating Systems:

Linux Ubuntu, OS X, Windows

## LANGUAGES:

**English:** Advanced/Fluent

**Russian:** Native

### <https://seacontact.ru> – SOCIAL NETWORK FOR SEAMANS

- This project was completely done by myself, using Zend Framework 2 as MVC platform for backend. Frontend was developed using Bootstrap, JQuery and various utilities/github plugins.
- Site is hosted on a cloud based Ubuntu machine using Nginx server
- Application is based on multiple services running in Docker containers
- Database requests cached by Redis
- SSL is manually configured for all sub-domains

### <http://djgrafkashinsky.com> – Famous DJ personal page

- The aim was to make a simple beauty webpage of one famous dj. Backend developed on a custom PHP framework using MVC principles. Frontend made on plain HTML, CSS, Javascript, extensive use of JQuery. Efforts were made to make the website responsive for different screens and layouts

### <http://oceancontract.com.ua> – Crewing agency landing page

- Plain HTML/CSS landing page made for ocean-contract crewing agency

### <http://1reis.ru> – Educational materials for beginner seamans

- Website built on custom PHP framework using MVC principles. Frontend made on plain HTML, CSS, Javascript.

### COURSES (ONLINE):

I've listed below only courses done in the last year. I'm continuously involved in self-education and ready to learn any other technology or language required.

- Pluralsight – Docker for Web Developers with John Papa and Dan Wahlin
- Udemy – The Ultimate MySQL Bootcamp Go from SQL Beginner to Expert
- Lynda – Up and Running with Neo4j
- NewLine – TinyHouse A Fullstack React Masterclass with TypeScript and GraphQL
- Udemy – Understanding TypeScript – 2020 Edition (Maximilian Schwarzmuller)
- Udemy – MERN Stack Front To Back: Full Stack React, Redux & Node.js
- Udemy – React Native. Полное руководство для Мобильной Разработки (2019)
- Lynda – Building Complex Express Sites with Redis and Socket.IO
- Udemy – Master NodeJS : The Complete Front-End Developer Course
- Udemy – ElasticSearch, LogStash, Kibana ELK #1 Learn Elasticsearch

### OTHER COURSES:

- Unit School Of Business – Startup Founders course (2020) (OFFLINE)
- Y Combinator Startup School – Future Founders course (2020) (ONLINE)

### EDUCATION (NON - IT RELATED):

- KYIV STATE MARINE ACADEMY – Specialist – 2015
- ODESSA NATIONAL MARITIME ACADEMY – Bachelor – 2012

### SEVERAL FACTS ABOUT ME:

I'm free of any bad habits, love sport and martial arts. But what I'm really love, is to learn new stuff and get more experienced in coding. That's the only reason I've changed my sea career and dived into IT world.

### BOOKS & SOURCES OF KNOWLEDGE:

**Роман Савин** – Тестирование DOT COM

**Борис Вольфсон** – Гибкое управление проектами и продуктами

**Eric Ries** – Lean Startup

**Дмитрий Осипов** – Технологии проектирования баз данных

**Baron Schwartz, Peter Zaitsev** – High Performance MYSQL

**Ian Robinson, Jim Webber** – Graph Databases (NEO4j)

**Gregory Jordan** – Practical NEO4j

**Eve Parcelllo, Alex Banks** – Learning GraphQL

**Nathan Rajlich** – Node.js in Action

**Mark Tielens Thomas** – React in Action

**Adam Boduch** – React and React Native  
**Addy Osmani** – Javascript Design Patterns

**O'Reilly** – Head First Design Patterns

**John Resig, Bear Bibeault** – Javascript Ninja

**Marijn Haverbeke** – Eloquent JavaScript

**O'Reilly** – Head First Javascript