

# Erik Nguita

Desired Position: Senior Backend Engineer

Former Marine Master with a desperate love to code.  
Have commercial, freelance experience & more than 8 years working with different languages and projects.

My current stack of technologies is:

Java Script / Type Script / Node JS / KOA / NEST / GraphQL / NEO4J / POSTGRES / RABBIT MQ

Experienced in deployment and basic devops operations.

Formerly worked with PHP (custom mvc, zend framework 2,3), MYSQL, plain js, jquery.

## COMMERCIAL PROJECTS:

**Company: PUMB (First Ukrainian International Bank) – 2022 - now**

<https://www.digital.pumb.ua>

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

Participation:

- Setup logging/tracing and monitoring systems. Integration with Grafana/Prometheus
- Setup and management of encrypted access to resources
- Handling heavy load requests and parallel microservices balancing
- Writing custom NPM packages for internal use across multiple microservices
- Setup deployment process, managing and scaling resources, Kubernetes containers orchestration
- Fixing and adding features to existing microservice creating new microservices.

**Company: Digis – 2020 - 2022**

<https://gemlightbox.com/> - web and mobile platform for Jewelers

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

Participation:

- Setup logging/tracing and monitoring systems. Integration with Kibana/Jaeger
- Setup CI/CD automated deployment on GCP Kubernetes
- Organize code review system, static code linting, automated tests and versioning.
- 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.
- Implementing new features, fixing bugs.

**Company: Boost (2017-2019 - 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 (2016-2017)**

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

Participation: Functionality for parsing and other instruments for SEO optimization

## PERSONAL PROJECTS: 2014 - Now

<https://www.npmjs.com/package/jaeger-logger> – Logging/Tracing library

- Nodejs library for managing application logging/tracing

<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
- 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>



**NATIONALITY:** Ukraine

**LOCATION:** Phuket / Thailand

## CONTACTS:

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## LANGUAGES:

**English:** Advanced/Fluent

**Ukrainian:** Native

**Russian:** Native

## TECHNICAL SKILLS:

**Computer Languages:**

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

**Web Development:**

Express, KOA, Nest, GraphQL, React

**Testing frameworks:**

Mocha JS, Jest

**Server Software:**

Node.JS, Nginx, Apache, 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

## <https://seacontact.com> - 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

## <https://api.seacontact.com> - 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.com> - 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

## <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

## MARINE CAREER (IF YOU REALLY INTERESTED :)

2016-2017 - Master Marine	Bernhard Schulte Shipmanagement - (VEGA SUN, VEGA STAR)
2012-2016 - Chief Officer	DORIAN LPG LTD - (LPG GRENDON, LPG CONCORDE)
2008-2011 - 2nd Officer	PTE OCEAN TANKERS - (M/T Po Yang Hu, M/T Dong Ting Hu)
2007-2008 - 3rd Officer	EXMAR LTD - (M/V Borzna, M/V CMB Biwa)
2006-2007 - Deck Cadet	BOCIMAR LTD - (M/V Conceiver)

## FEW MORE WORDS 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.  
My life it is a continuous learning, and i want to become master of IT technologies same as i became Master marine.

## Operating Systems:

Linux Ubuntu, OS X, Windows

## Development Software:

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

## 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