Хома Андрій

SENIOR NODEJS FULL STACK DEVELOPER, 180 000 ГРН.

🔄 4 липня 2023   📍 Місто: Київ

Вік: 34 роки

Режим роботи: повний робочий день, вільний графік роботи, віддалена робота

Категорії: IT, WEB фахівці

Увійдіть або зареєструйтеся на сайті як роботодавець, щоб бачити контактну інформацію.

Опис

SUMMARY

Relevant commercial experience:

- **NodeJS** - 7+ years
- **Angular** - 3+ years
- **React** - 2+ years
- **NextJS** - 1+ years
- **Docker** - 3+ years
- **ExpressJS** - 3+ years
- **NestJS** - 2+ years
- **TypeScript** - 3+ years
- **MongoDB** - 5+ years
- **PostgreSQL** - 1+ years

About me:

- Mostly positioned as **NodeJS** (**TypeScript**) backend developer. Love it! ❤
- Have experience to create projects from scratch to produtcion.
- Not so socially-active, horrible team-lead but maybe good researcher and good guy at all.
- English - Intermediate. Can speak and listen simple sentences. Have experience to work with teammates from USA.

As additional skills:

- Can deploy apps to **AWS**. Means, i`m **DevOps** unit.
- **Python**/**Bash** scripting
- Making UI on **Angular**/**React**
- **Java**/**.NET** server apps
- Write desktop apps on **Electron**
- Little friendship with **C++**

About my home project (source are open in my github):

I am developing an online store for my girlfriend using cutting-edge technologies, just as hobby and self-improving. For the website, I'm utilizing **Next.js** and **React**, while **Angular** powers the admin panel. The backend for both the website and admin panel is built with **Nest.js**, all written in **TypeScript**. The project employs **MongoDB** and **Redis** as the database solutions.

Feel free to explore the code! Repositories located in my profile with prefix "shop-*".

ACHIEVEMENTS

- Developed and implemented a commercial project with radio-frequency monitoring, which allows analyzing radio air and transmitting data in real time through various communication channels. Within the framework of the project, success was achieved due to the study of the features of radio receivers and the invention of ways of their direction finding and analysis.

- Responsible for finding an alternative to the GoogleMaps API. For this purpose, our own geo-coding was constructed based on OpenStreetMap (Nominatim), LibPostal and ElasticSearch. It is possible to create records linked to addresses/coordinates and perform a variety of searches on them with convenient autocomplete. The backend was based on Java, Spring (Data), MapStruct, Lombok and other technologies.

- Developed drones with autonomous landing based on visual landmarks, despite the fact that I had no experience with drones before. Over the course of a month, together with a colleague, I developed my own wrapper for ArduPilot (MavLink) on NodeJS (TypeScript), and made changes to the OpenCV library for my own needs.

- Assisted on a volunteer basis in a large Java open source project, helping to recreate and bring up the related infrastructure in AWS and making changes to the Android client.

PROFESSIONAL EXPERIENCE

Senior Node.js Developer, Bitmedia Labs, 2022-2023 (1year), 5 devs in team, +qa, ui, etc

- Microservices development on pure **JavaScript** (and **Flow** as experiment)

    - Using **ExpressJS**, **Jest**, **MongoDB** (Mongoose, transactions), **Redis** (as keystore and pub/sub), **RabbitMQ**, **Docker**, **AWS S3**

- Make UI on pure JavaScript

    - Using **React**, **ReactStrap**, etc.

Volunteering, 2022-2022 (4 month), 3 devs in team, 1pm

- Deploying high-load api-service (on **Java**):

    - Using **AWS** services like **EC2**, **Route 53**, **DynamoDB**, **CloudWatch**, **S3** and etc.

    - Containerization (**Docker**, **docker-compose**, **Portainer**).

    - **Redis** (Master-Slave, Cluster), **PostgreSQL**, **Nginx**

- Has experience with debugging **Android** apps

- Little **TypeScript** project with client-server communication via raw **TCP** connection and **Protobuf** serialization.

Software Development Engineer, КБ Дрон, 2021-2022 (4 month), 2 devs, 3 engineers, 1pm

- Prototyping of drone delivery system, using **ArduCopter**, **SITL**, **MavLink**, and **GCS** on **NodeJS**, **TypeScript**

Software Engineer, Kvalitek 2021-2021 (8 month), 1 dev, 1 radio technic, 1 engineer, 1pm

- Full stack development, from scratch to production.

- Working with **RaspberryPi**, and with some radio hardware like **HackRFOne**, **BladeRF**, **RTLSDR**, **AirSpy** and **SDRPlay RSP1A/Duo**, develop signal processing apps for **GnuRadio** using **Python** and **C++**, develop **UI** using **AngularJS**, **TypeScript**, **NodeJS** (**TSNode**), **WebSockets** (**Socket.io**), **Leaflet**, **NestJS**, **TypeORM**, **MongoDB** and etc,.

Java/Typescript Backend Dev, GUP.UA, 2020-2021 (11 months) 4-5 devs, qa, designer, pm, ba, etc

- Development of microservices on **TypeScript** (realtime chat, notification service)

    - Using **NestJS**, **TypeORM** (**PostgreSQL**), **Docker**, **SocketIO**, **Jest** (e2e testing), etc.

- Supporting **Java8** application (fixing bugs, implementing new features)

    - Using **Spring** (**Data**), **MongoDB**, **MapStruct**, **GoogleAPI**, **Lombok**, etc.

- Implementing address search system based on **OpenStreetMap** & **Elasticsearch** & **Libpostal**

- CI: **Jenkins**, task manager: **Jira**

Full Stack Dev, Self-Employed, 2019-2020 (9 months) 1 dev, 1 investor/pm

- Development of simple 2D game using **Unity3d** (**iOS**, **Android**, **WebGL** (**Facebook**)).

    - Using **UnityIAP**, **JSON.Net**, Multithreading, **UniTask** and etc.

- Develop serverside on **NodeJS** (**TypeScript**) + **MongoDB**, **Docker**, **AWS** (**EC2**) as a hosting.

    - Using **JsonSchema**, **ExpressJS**, **JWT**, **Nodemon**, **Ansible** and etc.

- Prioritization, task management.

Full Stack Developer, Friend Factory, 2019-2019 (4 month) 3 devs, 1 machine learning expert, ui, qa, etc

- Game development using **Unity3d**.

- Develop & support web server apps on dotnet core **EntityFramework**, **IdentityServer**, **PostgreSQL**, **Docker**, **AWS EC2** and etc.).

Software Engineer, Kvalitek, 2018-2019 (1 year, 7 months) 3 devs, 1 mathematics expert, 1pm

- Development of high performance¶llel apps on **Node.js** (**TypeScript**) + **MongoDB**, **GridFS**.

- Writing utilities in **Python**, **Bash**.

- Making of custom blocks for **Gnuradio** (**C++**/**Python**).

- Work with radio hardware (**Ettus USRP**, **OctoClock**).

- Profiling of **C++** code.

- Profiling **Node.JS** apps.

- Work with asynchronous, streams and FIFOs.

- Making UI on **Angular 2** + **Electron**.

Full Stack Developer, GUP.UA, 2016-2018 (1 year, 4 months) 4 devs, qa, ui, etc, pm/ba

- Development of apps on **Node.js** (**ES6**) + **Mocha** + **PostgreSQL**, **MongoDB**, **Consul**, **Docker**, **Redis**, **ElasticSearch**, etc.

- Implementation of a solution based on **OpenStreetMap**.

- Making UI on **Angular 1** (**TypeScript**).

- CI: **Jenkins**, task manager: **Redmine**.

- Prioritization, task management.

- HR, hiring of employers.

Web&Game Developer, E-OTG 2015-2016 (1 year 10 month) 1 dev, 1 investor/pm

- Development of apps on **Node.js** (**ES5**) + **MongoDB**.

- Design of projects architecture, **PlantUML**.

- CI: **Strider**, **Jenkins**.

- Task manager: **Redmine**, **GitLab** issues.

- Prioritization, task management.

- HR, hiring of employers.

- Game creation on **Unity3D** (**C#**, **.NET**).

- Integration with **Facebook**, **GooglePlay**.

Thank you for your time, with best regards, Andriy :)