



# Christos Natsios

Full stack software engineer, with a background in mechanical engineering, specializing in web products, software architecture and microservices. Currently exploring cross-platform audio applications and machine learning.



Full Stack Engineer  
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## Work Experience

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### Software Engineer @ **Intralot** November 2023 - present



- **Responsibilities:** Frontend Development, Backend Development, Software Architecture, CI/CD
- **Stack:** JavaScript, React, hapi.dev, Objection, MySQL, Knex, Kubernetes, Docker, SQL, axios, lodash, React-Bootstrap, redux, webpack, babel, mocha, chai, SASS, O.Auth2.0
- **Tools:** Jira, Git, Teams

#### Main Projects Developed:

1. **LotosX UI Web Apps:** Developed various microservices components of Intralot's core product LotosX. The applications, built with React and Bootstrap, allows operators to efficiently monitor and control lottery and gaming operations.
2. **State Management and Data Processing:** Developed state management and data processing using Redux, enhancing the application's responsiveness and user experience.
3. **Backend Development and Microservices Architecture:** Backend development focusing on REST API construction in a microservices architecture with hapi.dev, knex, ObjectionJS, and MySQL for efficiency and reliability.

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### Lead Software Engineer @ **POCITYF** November 2021 - November 2023



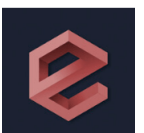
- **Responsibilities:** Backend Development, Frontend Development, Software Architecture, DevOps, Code Review, CI/CD, Product Redesign
- **Stack:** JavaScript, Node.js, ExpressJS, Next.js, PostgreSQL, Heroku, Sequelize, Bootstrap, MySQL, Docker, OAuth2.0, WSO2IS, Paypal SDK
- **Tools:** Jira, Git, Slack, 12 Factor

#### Main Projects Developed:

1. **PocityfEnergy API:** A RESTful API, built on Node.js, ExpressJS and Docker to work as back-end service for the (p2p) energy trading web app served at Heroku.
2. **PocityfEnergy Back-end service:** A back end application based on Service Oriented Architecture development model built on Node.js, ExpressJS, and PostgreSQL with a RESTful API for the PocityfEnergy web app.
3. **PocityfEnergy Landing Page:** The application's **landing page** to navigate the user between the different solutions the **POCITYF** ecosystem provides.
4. **PocityfEnergy Web App:** The PocityfEnergy user's dashboard, marketplace page, tokens page, user's profile page, settings page, and merchant's page.

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### Junior Front-end Engineer @ **EBERUS** December 2020 - November 2021



- **Responsibilities:** Frontend Development
- **Stack:** React.js, JavaScript, jQuery, Node.js, LESS, UIKit, GraphQL, YouTube API, SASS, CSS3, HTML5
- **Tools:** Git, Slack, Jira, BitBucket

#### Main Projects Developed:

1. **Matterport Editor:** An administrative panel for editing 3D tours that can handle requests like adding/removing audio for specific locations on the map, adding/removing videos in the 3D model via the YouTube API, and changing matterport's sweeps locations.
2. **EBERUS Cloud Software maintenance:** Debug and maintain EBERUS main configurator for rendering 3D models.

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## Junior Mechanical Engineer @ Skretas Constructions February 2017 - January 2019

- **Responsibilities:** Supervise the technical conversion of vehicles to canteens, test the transitions according to the Greek transport law and EU law, fix any mechanical problems and retest the vehicles.

## Education

1

Bachelor's Degree, Department of Informatics

@ [University Of Western Macedonia](#)

September 2021 ~ present



2

Bachelor's Degree, Mechanical Engineering

@ [Thessaly University of Applied Sciences](#)

September 2014 ~ Spring 2018 (dropped out)



## Skills

### Basics

Object-Oriented Design, Functional Programming, TDD, Clean Architecture, Agile Methodology, CI/CD, REST, BDD, Unix/Linux, Git, SQL

### Languages

JavaScript

### Platforms/Frameworks

Node.js, ExpressJS, Next.js, React.js, Jest, jQuery, Material-UI, UIKit, Bootstrap, GitHub, PostgreSQL, Sequelize, hapi.dev, ReduxJS

### Operations

Docker, Heroku, Netlify, 12 Factor, Stripe, Kubernetes

## Languages

Greek

Mother Tongue

English

B2 First  
(Cambridge University)

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