

LOUKAS THEOS

Junior Full-Stack (React/Node) • Web3 Developer

Athens, Greece | +30 6938653541 | loukitof1@hotmail.com | www.linkedin.com/in/loukas-theos-606aa8130 | github.com/Loukas89

Summary

Junior full-stack developer focused on React + Node with hands-on Web3 experience. I ship clean, accessible UIs, build REST APIs, and deploy to Vercel. Delivered a production-style NFT Marketplace on Polygon Amoy (mint/list/buy), a custom MiniLang interpreter in Python, and multiple data-viz tools. Motivated by shipping user-visible features, writing maintainable code, and collaborating in code reviews and sprints.

Technical Skills

Frontend: React.js, Next.js (basics), Tailwind CSS, HTML5, CSS3, Responsive design

Backend: Node.js, Express, REST APIs, JWT/Auth (basics), Postman

Languages: JavaScript (ES6+), TypeScript (basics), Python, Solidity, SQL, Bash

Databases: PostgreSQL/MySQL (basics), MongoDB (basics)

Blockchain: Solidity, Hardhat, Ethers.js, Web3.js (basics), ERC-721/1155, Polygon Amoy, IPFS (Pinata)

DevOps/Tools: Git & GitHub, CI/CD, Docker (basics), Vercel/Netlify, VS Code

ATS Keywords: React, Next.js, JavaScript, TypeScript, HTML, CSS, Tailwind, Node, Express, REST API, JWT, PostgreSQL, MySQL, MongoDB, Git, GitHub, CI/CD, Docker, Jest, React Testing Library, Vercel, Solidity, Hardhat, Ethers, Web3, Polygon, IPFS, ERC-721, ERC-1155.

Selected Projects

NFT Marketplace dApp — Polygon Amoy (2025)

Tech: React, Tailwind, Ethers.js, Solidity, Hardhat, IPFS (Pinata)

- Built end-to-end dApp with mint, list, buy, and portfolio views; smart contract exposes 5+ core functions (mintNFT, listNFT, buyNFT, getAllTokenIds, getListedNFTs).
- Implemented modal-based NFT details, My NFTs, conditional Buy/Sell, toasts, and polished hero/landing components.
- Wired IPFS uploads with Pinata JWT, ABI sync, and marketplace queries for listed/owned items.
- Repo/demo available on request; code written with linting and component reuse in mind.

MiniLang Interpreter — Language Design & Implementation (2025)

Tech: Python

- Implemented lexer/tokenizer, parser (AST), evaluator, and REPL with clear error messages.
- Added control flow, functions with local scope, lists/dictionaries, and step-by-step evaluation logging.

Pneumonia Detection (CNNs + XAI) — AI Module (2025)

Tech: Python, TensorFlow/Keras, scikit-learn, Grad-CAM

- Trained and compared VGG16, ResNet50, EfficientNetB0; produced confusion matrices, precision-recall, ROC, and Grad-CAM visualizations.
- Documented limitations and next steps; clean, reproducible notebooks.

World Data Visualization App (2024–2025)

Tech: React, Vite, Tailwind, Chart.js, TopoJSON/GeoJSON, Vercel

- Interactive dashboards and a choropleth map; resolved build issues and deployed to Vercel with a responsive, modular UI.

Experience

VIOSPIRAL AEBE — Quality Control Manager — Athens — *Mar 2025–Present*

- Led quality control for incoming/outgoing products; maintained inspection logs and sampling plans.
- Established QC checklists and documentation standards; coordinated corrective actions with suppliers/partners.
- Trained technicians on defect categorization, handling, and safety best practices.

VIOSPIRAL AEBE — Technician / Operations Support — Athens — *2019–Mar 2025*

- Troubleshoot product issues; performed inventory/quality checks; created clear Greek/English incident reports.
- Standardized templates for technical documentation and improved response consistency with partners.

NOMI Italian Restaurant — Waiter (Main Restaurant) — Athens — *2017–Present*

- High-pressure service and cross-team coordination; consistently positive customer feedback.

Hospitality Roles (4★–5★ Hotels) — Greece & Scotland — *2013–2016*

- Shift leadership and international teamwork; developed communication and time-management skills.

Earlier Technical Roles — Athens — *2007–2012*

- Computing maintenance assistant; structured cabling assistant (terminations, basic network troubleshooting).

Education

BSc (Hons) Computer Science — University of Derby (Athens Campus) --- *2022--2025*

- Dissertation: Blockchain-Based Marketplaces and NFTs (architecture, security, challenges, case studies).
- Key modules: Web Development, Data Mining & AI, Distributed Systems, Language Design & Implementation.

Certifications

- Structured Cabling Seminar

- LG Electronic Systems Seminar
- Level 2 Food Safety & Hygiene for Catering (2015)

Languages

Greek (Native) • English (Fluent)