

DIMITRIOS TRIANTAFYLLIDIS

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PROFILE

Full Stack Developer with 6.5+ years of experience, frontend-oriented but comfortable across the stack. I've worked across a range of domains - blockchain, healthcare, AI/ML, and e-government - mostly with React, Next.js, TypeScript, Node.js, and Python. I enjoy building things that are well-crafted and actually work, and I'm always drawn to projects that push into new tech.

WORK EXPERIENCE

Blockchain (FullStack) Developer (Freelancer)

Mar 2025 – Current

UBITECH

- Responsible for building Blockchain solutions and integrating with fe/be systems.
- Stack: HyperLedgerBesu · Web3 · Graph · Chainlink · Foundry · Ethers/Wagmi · React · Next.js · Typescript · Docker

Fullstack Developer (Freelancer)

Jun 2025 – Oct 2025

PraxisEins

- Contributed to the launch of the new version of PraxisEins' medical appointment and staffing platform, integrating a new clinic into the existing multi-clinic system
- Stack: React · Next.js · Typescript · Docker · Material UI · Redux · Python · Flask

Senior Frontend Developer (Freelancer)

Oct 2023 – Mar 2025

EUIPO - European Union Intellectual Property Office

- Responsible for the refactoring of legacy applications using modern libraries/methodologies/techniques
- Stack: React · Next.js · Typescript · Docker · Jest, Mocha · Material UI · Redux · React-Context

Frontend Developer (Part-time-Freelancer)

Apr 2024 – Jun 2024

3NS.ai

- Assisted in developing Web3 AI-powered domain solutions and related platform features.
- Stack: React · Next.js · Typescript · Docker · Jest, Mocha · Material UI · Redux · React-Context

Fullstack Engineer

Oct 2022 – Oct 2023

Quality & Reliability S.A , Athens, Greece

- Developing E-government (Greece) Projects
- Stack: React · Next.js · Typescript · PostgreSQL · CI/CD · NodeJS · TDD

Research Assistant (Full Stack Engineer | ML/AI Engineer)

Feb 2020 – Oct 2022

Centre for Research & Technology Hellas, Thessaloniki, Greece

1. Web/Mobile/Blockchain

- Implement a mobile app to track a robot car and request it to move to certain places (React Native).
- Developed a mobile app to find electric car chargers, track energy usage, and report electricity prices, plus a website for stakeholders to monitor charger status and energy metrics (React, React Native, BLE).
- Built a responsive, blockchain-integrated website for ACS to manage and track courier orders (React, Node.js, HyperLedger Fabric). There was also an Identity Management System (Keycloak).

2. AI/ML + Web/Mobile for Visualization

- Developed ML models to forecast short-term load power consumption and wind/PV power generation (Papers Accepted).
- Built a deep learning model for freeway traffic prediction using historical, temporal, and weather data (Paper Accepted).
- Created a responsive website and mobile app for visualizing past and forecasted time series data, utilizing Redis caching for faster response (React, Node.js, chart.js, Docker).
- Developed an evolutionary algorithm for error handling in PV electrical qualities (current, voltage, power) (Python)
- Developed a website for engineers to submit urban plans in PDF format and extract useful information using a retrained OCR algorithm (Deep Learning, OCR, React, Python).

Web Developer

Oct 2018 – Mar 2019

SmartMoves, Thessaloniki, Greece

- Used a content management system to create sites that meet the wishes of the customers.
- Provide help & support to customers to manage their e-shop sites.
- Stack/Tools (Wordpress, html, php, CSS, javascript)

EDUCATION

MSc - Aristotle University of Thessaloniki, Greece

2021 – 2023

Computational / Artificial Intelligence

- Grade: 9/10
- Dissertation project: Developed a system to assess dementia-friendly indoor spaces.
- Keywords: React, Nodejs, Typescript, Docker, Deep Learning, Object Detection, Classification, Neural Networks

MEng - Aristotle University of Thessaloniki, Greece

2013 – 2019

Integrated MSc in Electrical and Computer Engineering

- Grade: 8.1/10
- Dissertation project: Designer's Personal Assistant System: Used Convolutional Neural Networks (CNNs) to create a clothing prediction model using images represented by featured vectors. Mark: 10/10
- Keywords: Data Science, Deep Learning, Neural Networks, Image Classification, Classification Techniques, Keras, TensorFlow, React

ADDITIONAL SKILLS AND ACHIEVEMENTS

Notable Projects:

- **Estimation Theory (Particle/ Kalman Filters):** Create an algorithm using both Particle and EKF (Extended Kalman Filters) to estimate the orientation and position of a vehicle moving in 2D (x, y, theta).
- **Biomedicine:** Created a fall detection application (android) for elderly people.

Programming Languages/Frameworks/ Tools/ Algorithms: Javascript · Python · Typescript · React · React Native · Next.js · Node.js · SQL · HTML · MongoDB · Git · Redis · Docker · Kubernetes · Kalman Filters · Particle Filters · Genetic Algorithms

Languages: Greek (native) · English (professional) · German (beginner).

Interests: DL|ML and Data Science enthusiast, Competitive Taekwondo, Martial Arts supporter, Blockchain, Crypto, NFTs.