

# DIMITRIOS MONOGENIDIS

## FULL STACK SOFTWARE ENGINEER

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I am a Full Stack Software Engineer with a strong Computer Science background and over six years of hands-on experience, specializing in cross-platform application development with React Native for mobile and web across multiple domains, including fintech and smart hospitality. I am known for taking ownership, adapting quickly, and turning business needs into solutions that deliver real value.

## WORK EXPERIENCE

### Full Stack Software Engineer

Deloitte (DACC) — November 2024 - Present

#### National Bank of Greece

React Native • Redux • REST APIs • Agile Delivery

- Implemented new features, improved component performance, and maintained consistent functionality across multiple devices.
- Collaborated with designers, business analysts, and front-end engineers to translate business requirements into clear, scalable technical solutions aligned with UI/UX standards.
- Actively participated in agile sprints, testing cycles, and delivery planning to maintain high product quality and on-time releases.
- Contributed to the setup of fully configured Postman environments streamlining API testing flows and improving team productivity.

#### Lamda Development

Angular • TypeScript • HTML • SCSS • Salesforce • Apex • Lightning Components • SOQL • React Native • Firebase • Expo • Drupal

Unified marina management ecosystem with distinct web and mobile applications: the web platform supports operational staff with real-time marina oversight, while the mobile app serves guests with berth requests, reservations, utilities management, and service tracking.

- Coordinated directly with Salesforce teams, translating business logic into scalable technical requirements.
- Led client demos and represented the engineering team in stakeholder meetings.
- Authored technical documentation, change requests, and improvement proposals.
- Created structured test-case scenarios supporting QA and UAT cycle.

### Frontend Team Lead

IHU, Thessaloniki, Greece — February 2025 - August 2025

#### Enora I

Flask • Bootstrap • Laravel • Python REST API • ThingSpeak • MySQL

Enora is an IoT web platform designed to collect, store, and analyze real-time data from distributed sensors, enabling monitoring, visualization, and control of connected devices and actuators through a unified interface.

- Designated by supervising professors as Frontend Lead, managing a four-person team across agile sprints and ensuring alignment between frontend, backend, and QA deliverables.
- Built the initial Flask + Bootstrap UI (auth system, dashboards, alerts, metrics) and implemented real-time data panels using polling and ThingSpeak integrations.
- Integrating Python REST APIs and preparing the interface for WebSocket-based real-time updates.

### Freelance Web Developer

- Designed and developed responsive websites and small web applications using HTML, CSS, JavaScript, PHP, and MySQL.
- Built strong independent problem-solving and client communication skills.

## EDUCATION

### International Hellenic University

Completed: July 2025

#### BSc. in Information and Electronic Engineering

Final Grade: **7.4/10**

Thesis: Parking Space Management System Using Customer Relationship Management (CRM) and Real-Time Interactive Map Visualization.

Grade: **9.5/10**

## SKILLS

#### Programming & Frameworks

JavaScript, TypeScript, Angular, React, React Native, Redux, HTML5, CSS3 / SCSS, Tailwind, Java, Python, PHP, SQL

#### DevOps

Kubernetes, AWS, Docker, Linux system administration (Ubuntu, Kali, Parrot OS), bash scripting, package management

#### Backend & APIs

Node.js, JSON, RESTful API Development, Salesforce (Apex, Triggers, SOQL), External API Integrations

#### Databases

MySQL, PostgreSQL, MariaDB, Firestore, schema design, normalization and optimization

#### Architecture & Systems

Modular Frontend Architecture, API-Driven Application Design, MVVM / MVC Patterns, State Management Architecture, End-to-End System Integration Design, Design Patterns

#### UI / UX Design

Responsive Web Design, Atomic Design Methodology, Figma-to-Code Implementation, Cross-Functional Collaboration, Accessibility Standards, Usability Testing, POCs

#### Digital & Cloud Platforms

Drupal CMS (Custom Development), Salesforce CRM (Custom Development & Data Modeling), Sanity (Headless CMS Integration), Firebase

#### Tools

Git (Azure Repos, GitHub, GitLab), Jira, VS Code, Postman, Android Studio, Vercel & Expo (Deployment Platforms), Agile / Scrum Workflows

#### Cyber Security

Vulnerability Assessment, Penetration Testing, Cybersecurity Labs (HackTheBox, TryHackMe)

#### Specialized Domains

Artificial Intelligence (Decision Trees, SVM), Internet of Things, Computer Graphics (Blender, Unity, Unreal Engine),

#### Soft Skills

- Ownership & accountability
- Analytical and structured thinking
- Effective communication & teamwork
- Fast learning & adaptability
- Problem-solving mindset
- Client-facing professionalism
- Mentoring & knowledge sharing
- Proactive and improvement-driven mentality

#### Languages

English (Fluent), German (Intermediate), Greek (Native)

## ACHIEVEMENTS

- Authored multiple high-value CRs and improvements **approved by LAMDA Development** and deployed in production, contributing features and enhancements worth several thousand euros.
- Owned the end-to-end development of the **LAMDA Marinas Mobile and Web Platforms**, which received a **Gold** and **Silver** Award respectively at the **BITE Awards 2025**.
- Graduated with top marks while working full-time, completing a 150-page thesis graded **9.5/10** and excelling in software engineering, AI, IoT, and HCI.