AGGELOS KONSTANTILIERIS

Senior Full-Stack TypeScript Developer

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💻 **GitHub Profile** | 🌐 **Portfolio**

Professional Summary

Full-Stack TypeScript developer focused on shipping scalable SaaS systems. Primary stack: Next.js, React, TypeScript, Node/NestJS, MongoDB. I build clean UIs, reliable APIs, and automation that removes toil.

Experience

Motion Hellas — Senior Full-Stack TypeScript Developer

Aug 2024 – Present | Remote — Athens, GR (Primary Employment)

- Led a multi-tenant waste-management platform used by AFIS Cyprus and ReBattery (collection points, routes, logistics).
- Shipped a React + TypeScript SPA (motion-components, Formik, Bootstrap, TanStack Table) with advanced filtering, inline editing, and Excel export.
- Built a GraphQL API (Apollo Client) with type-safe Prisma/Sequelize models.
- Implemented RBAC with MobX + custom hooks; aligned with EU waste-tracking compliance.
- Released an Ionic React mobile app for drivers (route plans, collections, real-time order flow).
- Enabled traceability: real-time PDF reporting, event logs, multilingual UI (react-i18next).
- Mentored two junior developers; established TypeScript standards and code review practices.

Independent Projects — Founder & Full-Stack TypeScript Developer (Part-time)

May 2025 – Present | Remote — Athens, GR (alongside full-time role)

Holocomm — Agentic Booking System (NestJS, MongoDB, LLMs)

- Modular microservices with domain-driven boundaries; TypeScript-first, API-first communication.
- WhatsApp API for conversational booking + confirmations; LLM-powered natural-language flows.
- Atlas Search for fuzzy matching, autocomplete, and full-text filters.
- Calendar-driven scheduling with drag-and-drop + recurrence (Syncfusion React).
- Multi-tenant support and modular deployments.

Apollon CRM — Pet Boarding & Hospitality CRM (Next.js, MongoDB, Syncfusion, Stripe)

- End-to-end CRM for clients, pets, bookings, room assignments, payments, and analytics; long-term maintenance + feature evolution.
- Room-based calendar with drag-and-drop scheduling, conflict detection/prevention, and real-time availability.
- Booking flows: multi-step wizard, extras/upsells (Pet Taxi, extra days), waitlist and automatic promotion.
- Financials: service-based pricing, payment allocation, invoices, outstanding balance tracking, expense management, revenue KPIs.
- Search: fast global search across clients/bookings; tag-based organization; referral tracking.
- UI/UX: responsive, dark/light themes, animated transitions, command palette, toast feedback.
- Integrations: email/SMS notifications; export to CSV/Excel; pluggable webhooks for accounting sync.
- Stack highlights: Next.js App Router + Server Actions, Zustand + RHF, Syncfusion Scheduler, Chart.js/Recharts, Mongoose, NextAuth.

Technical Skills

• Languages: JavaScript, TypeScript, HTML5, CSS3, Java

• Front-End: React, Next.js, Redux, Framer Motion, TailwindCSS, Syncfusion

• Back-End: Node.js, Express.js, NestJS, Mongoose, Prisma

• Databases: MongoDB, MySQL

• Cloud & DevOps: Amazon Web Services (EC2, S3, CloudWatch, IAM, VPC, GuardDuty, Budgets), Docker

• Version Control: Git, GitHub

• Other: REST APIs, GraphQL, Agile Methodologies, Docker

Education

University of Piraeus | BSc in Computer Science

September 2012 – February 2024 (Expected)

Specialization: Software Engineering | Expected GPA: 7.0/10

Additional Coursework / Certifications: Cryptography (Stanford - Coursera), Object-Oriented Programming (UC San Diego), Data Structures and Performance, Advanced Data Structures in Java, Mastering Software Engineering Interviews, Meta Front-End Developer Professional Certificate, MongoDB Node.js Developer Path

Additional Information

Languages: Greek (Native), English (Professional proficiency), French (Intermediate B1)

Interests: Snowboarding, traveling, mountaineering, boxing, reading