DIMITRIS KYPRIANOU

SOFTWARE DEVELOPER - PHYSICIST

PERSONAL NOTE

A Physics graduate from Aristotle University of Thessaloniki with a passion for web development. I specialize in building responsive, high-performance web applications using React, JavaScript, TypeScript, Node.js, and Tailwind CSS.

Started with JavaScript and now focus on React to build clean, user-friendly interfaces that work seamlessly across all devices. I focus on writing scalable, maintainable code that brings modern designs to life.

PROFESSIONAL INTERESTS

Passionate about building intuitive web and mobile applications, exploring cutting-edge frontend technologies, and crafting seamless user experiences. Interested in full-stack development, performance optimization, and staying updated with emerging trends in JavaScript and React ecosystems.

WORK EXPERIENCE

Olympia Electronics, Aiginio, Pieria, Greece

Electronic safety and security industry company

Front End Developer — **October 2022-Present**

- Redesigned a Node.js ERP application, boosting productivity by 20% through optimized UI and UX.
- Built a JavaScript SPA for fire alarm systems, reducing failure rates by 15% via real-time data visualization with Chart.js.
- Engineered a Node.js app for pixel-specific exportable fonts/icons, enhancing 5+ security panels and speeding up market release.
- Created a cross-platform, alarm system mobile app using React Native.
- Developed a React/Redux web dashboard for gateway management.
- Migrated Angular applications to React, cutting load times and project size significantly.
- Authored manuals, ensuring documentation clarity and accessibility.

Masoutis S.A, Thessaloniki, Greece

Supermarket

Sales — **May 2021-September 2022**

- Invoice Management and Organization
- Product Management and Digital Bookkeeping
- Sales Experience and Customer Service

SKILLS

Frontend Development

- Languages & Frameworks: HTML, CSS, SCSS, JavaScript, TypeScript, React, React Native, jQuery
- Styling & UI: Tailwind CSS, Bootstrap, Figma (for UI/UX design, wireframing, and prototyping)
- State Management: Redux (efficient state handling)
- Key Concepts: Responsive Web Design, Component-Based Architecture, Performance Optimization

Backend Development

- Technologies: Node.js, Express.js
- Databases: SQLite, SAP HANA (ERP integration), Sequelize ORM (efficient relational database management)
- Key Concepts: RESTful APIs (integration & development), Project Architecture, CRUD operations

Mobile Development

- Framework: React Native (cross-platform app development)
- Key Features: Biometric Authentication, Push Notifications, Background Services
- Tools: Android Studio, Xcode (testing & deployment for Google Play Store & Apple App Store)

Additional Skills

- Version Control: Git (efficient collaboration and code management)
- UI/UX Design: Focused on creating clean and accessible interfaces
- Debugging & Optimization: Ensuring seamless performance across devices

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CONTACT INFORMATION

- Thessaloniki, Greece
- +30 6989599962
- dimitris_kyprianou_@hotmail.com

LinkedIn
www.linkedin.com/in/dimitrios-kyprianou
GitHub
github.com/DimitrisKyp

OTHER

Soft Skills:

- Adaptability
- Desire to learn
- Critical thinking
- Problem solving
- Flexibility
- Teamwork
- Creativity
- Self-management

EDUCATION

Aristotle University - Thessaloniki

Bachelor of Science, Physics Department
2016-2022 | G.P.A: 6.6

- Programming Skills: C, Python
- Network Theory
- Chaos Theory
- Applied Mathematics
- Nuclear Physics
- Quantum Mechanics

1st Lyceum of Neapoli

Class of 2016 | G.P.A: 19.0 / 20

Other Skills

English - C2 Certificate of English Language Proficiency