

Nunzio Avino

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Software Engineer

Software Engineer with extensive experience in web applications, e-commerce, and enterprise software. Passionate about performance, scalability, and delivering clean, user-centered experiences.

Skills

Web Development & Architecture

React Native · Angular · AngularJS · TypeScript · JavaScript · Node.js · Express.js · REST API · API Design · HTML5 · CSS3 · Sass · Less · Bootstrap · Jade · Mustache · PHP · Product Design · Responsive UI/UX · Accessibility

State Management & Data Handling

NgRx · Zustand · SQLite · MySQL · MS SQL · Data Visualization (ECharts) · Local Storage · Async Data Flows · Performance Optimization

Testing & Quality Assurance

Unit Testing · Integration Testing · End-to-End Testing · Karma · Jasmine · Mocha · Chai · Cypress · BlackDuck · SonarQube · Code Review · Security Auditing

DevOps & Tooling

Git · Jenkins · CI/CD Pipelines · DevOps Practices · Puppet · EAS Build / Preview · Agile / Scrum · Performance Profiling · Build Automation · Deployment Management

Career History

SOFTWARE ENGINEER - CONSULTANT

OnlyDent, London, May 2026 – Present

React Native · TypeScript · REST API · Zustand · PHP · MariaDB · OpenCart

Consulting for a medical products e-commerce company, developing a mobile inventory management solution and extending its existing OpenCart platform.

- Designed and developed a **React Native mobile application** for inventory operations, including stock movements and barcode-based product workflows.
- Designed and implemented a **REST API** connecting the mobile application with the existing OpenCart platform.
- Extended the existing e-commerce platform to support **product batch/lot and expiry-date management**, including the underlying data model and business logic.
- Worked across the stack, from mobile architecture and API design to PHP backend development and MariaDB.

SOFTWARE ENGINEER

Personal Project, London – January 2024 - March 2026

React Native · Expo · TypeScript · Zustand · SQLite · ECharts · EAS Build · JavaScript

Independently designed and developed a consumer mobile application, taking ownership of the architecture, implementation, product decisions, and release process. Product environment, taking ownership of architecture, implementation, and delivery.

- Designed and developed a cross-platform mobile application from concept to public Google Play release.
- Architected an offline-first application using **React Native, TypeScript, SQLite and Zustand**, enabling reliable functionality without network connectivity.
- Built local-first data flows and persistence architecture focused on performance, responsiveness, and seamless user experience.
- Implemented interactive data visualisation with **ECharts**, optimised to efficiently handle large datasets.
- Managed the complete development lifecycle, from technical architecture and UX decisions through testing, build automation, and production release.

SOFTWARE ENGINEER II

Mimecast, London - June 2018 - April 2023

Angular · AngularJS · TypeScript · JavaScript · Java · Node/Express · Rest Api · HTML · Sass · NgRx · Unit Tests · Karma · Jasmine · Mocha · Chai · e2e tests · Cypress · Dev-Op · Jenkins · Puppet · BlackDuck · SonarQube.

Developed and managed web applications, improving functionality and user experience. I optimized server performance, ensured code quality through comprehensive testing, and streamlined deployment processes. Additionally, I addressed code vulnerabilities for enhanced security.

- Engineered and oversaw the development of web applications and libraries, resulting in enhanced functionality and user experience for over 40,000 global customers.
- Successfully developed and managed server applications, ensuring seamless performance, optimizing data exchange and improving system interoperability.
- Implemented comprehensive unit and end-to-end tests, guaranteeing robust code quality and minimizing potential issues daily.
- Efficiently oversaw web application builds and deployments, streamlining the release process and ensuring timely delivery, accomplishing this task 6 times a year.
- Fixed code base vulnerabilities, reducing exposure to security breaches for over 50 web applications.

FRONT-END ARCHITECT

Maistro (former blur Group), London/Exeter - Nov 2011 - May 2018.

AngularJS · TypeScript · JavaScript · Node/Express · REST API · Bootstrap · HTML · SASS · Product Design · Unit Tests · Karma · Jasmine.

Took charge of designing and implementing the Front-end for public websites and dashboards. I managed a small team of developers and worked with C levels on the product specifications.

- Effectively managed a team of 5 developers, fostering collaboration, productivity, and successful project completion.
- Played a key role in developing company products in collaboration with Product Owners (PO) and C-level executives, driving innovation and aligning with business goals.
- Successfully enhanced the performance, scalability, and project requirements of web applications, server applications, libraries, and components. This led to improved user satisfaction and overall effectiveness on a daily basis for 20,000 users.

FRONT-END DEVELOPER

SPL Design, London - July 2011 - Nov 2011

WordPress · OpenCart · MySQL · JavaScript · PHP · HTML · CSS

- Created tailored client-specific web solutions, delivering customized online experiences and improving brand visibility.

Education

- **Diploma in IT Business** - ITIS, F. Giordani, Caserta
- **Diploma Analyst and Software Developer** Istituto Torricelli, Pomigliano D'arco

Languages

- **Italian** - Mother tongue
- **English** - Fluent