

Giovanni Gardin

Software Engineer

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Software Developer with 10+ years of experience in crafting web solutions. Expert in managing the life cycle of React web apps, from requirements collection to deployment. Eager to shift to a full-time role to pursue professional growth. Open to relocation.

Work experience

Full-stack Web Developer Self-employed (Treviso, IT) Sep 2014 – Present

- Led the full-stack development of freelance projects, including e-commerce, using technologies like React, Redux and headless CMS to deliver performant, scalable and maintainable solutions, while consistently meeting deadlines and specifications.
- Developed and maintained an average of 10 projects per year for 57 SMBs across different industries; secured follow-up work from 85% of clients by leveraging modern development best practices, lean collaboration and feedback-driven development.
- Optimized frontend performance by implementing a bespoke React components library that takes advantage of Partial Pre-rendering (Island Architecture) and Netlify serverless functions to reduce load times and improve pages' responsiveness.

Software Developer (Internship) Sanmarco Informatica S.p.A. (Grisignano di Zocco, IT) May 2024 – Jul 2024

- Delivered full-stack features to an existing codebase using Angular, Java and PostgreSQL, collaborating closely with colleagues and product stakeholders to align technical solutions with business needs and achieve 100% of curricular internship objectives.
- Proposed and implemented improvements to the Continuous Integration pipelines (Jenkins) that cut test time by 12.5% by splitting workflows and improving their orchestration and caching strategies.
- Authored 8 comprehensive technical documents and refactored the existing knowledge base to enhance collaboration, domain expertise and information retrieval; proactively conducted research and prototyping that accelerated requirements collection.

Education

BSc Computer Science Università degli Studi di Padova (Padova, IT) Oct 2020 – Dec 2024

Grade: 100/110. Thesis: *Supply Chain optimization: Milk Run features integration for the agri-food industry.*

Relevant coursework: SWE, Databases, OOP, Operating Systems, Algorithms and Data Structures, Computer Networks.

Projects and Awards

WMS3 (Warehouse Management System 3D) Oct 2023 – Apr 2024

- Guided a team of 7 to develop the PoC for a 3D WMS as part of a curricular project that involved a company as the committer.
- Built an MVP with Next.js, Three.js, Jest and PostgreSQL, meeting 100% of company requirements, ranking in the top 10% of projects that year and completed 3 weeks ahead of cohort average.

Core tech: React, Three.js, TypeScript, Jest, PostgreSQL, Docker.

Accattivante Accessibile Oct 2022 – Mar 2023

- Developed, in a team of 4, a full-stack web app based on PHP, HTML and JavaScript, focusing on WCAG 2.1 compliance.
- Won 1st prize in an intercollegiate competition for excellence in accessibility, performance and inclusive visual design.

Core tech: PHP, JavaScript, HTML, CSS.

Netlifter Dec 2021 – Jun 2022

- Collaborated with 3 fellow students on an entrepreneurial side project involving the development of 2 full-stack web apps; shaped the product strategy via the Scrum framework to achieve a timely commercial release and secure funding.
- Gained hands-on experience in product development, agile collaboration and project planning while owning frontend architecture (including a SvelteKit components library and E2E test suite) and contributing to REST API and DB design.

Core tech: SvelteKit, TypeScript, Express.js, MongoDB, Playwright, Docker.

Technologies and Languages

Languages: TypeScript, JavaScript, HTML, CSS, Python, Java, SQL, C++.

Frameworks & Libraries: Next.js, React, Redux, Node.js, Express.js, Astro.js, SvelteKit, Vue.js, Three.js, Jest, Playwright.

Tools: Git, Docker, Bash, GitHub Actions, Jenkins, Serverless functions.