

Richard Solomou

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Full-Stack Engineer 🏠, husky parent 🐕, and coffee lover ☕

EXPERIENCE

Technical Lead — [Keenious](#)

JANUARY 2023 - PRESENT — Tromsø, Norway (Remote)

- Utilized Next.js, NestJS, TypeScript, and PostgreSQL to design and implement innovative features.
- Orchestrated Kubernetes infrastructure on Azure and streamlined local development with Docker.
- Integrated ChatGPT for AI-assisted research article recommendations and enhancing user experiences.
- Spearheaded the creation of end-to-end tests for comprehensive system evaluation.
- Identified and resolved performance, structure, and scalability issues
- Prioritized UX/UI design and accessibility considerations in the development process.
- Conducted systematic refactoring and optimization, elevating system performance, maintainability, and code reusability.

Creator — [Tarrasque.io](#)

JULY 2020 - PRESENT — Nicosia, Cyprus

- Founded and currently lead a B2C SaaS product used by over 7,000 people worldwide.
- Developed and maintained product features using Next.js, NestJS, TypeScript, WebGL, and Canvas technologies.
- Implemented real-time updates through WebSockets, GraphQL, and Apollo.
- Established and managed Continuous Integration/Deployment pipelines using GitHub Actions for efficient deployment.
- Actively engaged in community building, advertising, marketing, and feature planning.
- Conducted accessibility and design interviews with users, contributing to product enhancement and user satisfaction.

Front-End Engineer — [Keenious](#)

JANUARY 2021 - JANUARY 2023 — Tromsø, Norway (Remote)

- Designed and implemented features for an EdTech Microsoft Word add-in, utilizing React, MobX, and Material UI, with a focus on legacy

SKILLS

Languages:

JavaScript (ES2015+),
TypeScript, HTML5,
CSS3, Sass

Front-End:

Next.js, React, MobX,
Material UI, Redux,
React Query, Socket.IO,
Figma

Back-End:

Node.js, Express,
NestJS, GraphQL,
WebSockets, REST,
Prisma, TypeORM,
Passport, PostgreSQL,
MongoDB

Testing:

Jest, React Testing
Library, Playwright,
Cypress

Version Control:

Git, GitHub, GitLab,
Bitbucket

Build Automation:

Vite, Webpack, Gulp

Tools:

Kubernetes, Docker,
Helm, Nginx, Caddy,
Turbo, npm, yarn, pnpm

Certifications:

ICTTech, ITIL, CCNA

Other:

DDD, SOA, TDD, OOP,
Agile (Scrum, Kanban)

browser compatibility.

- Collaborated closely with product owners and back-end developers to successfully deliver project requirements.
- Led transition to GitHub Actions for automated pipelines of continuous integration and continuous delivery
- Identified and resolved performance, structure, and scalability issues
- Refactored and optimized systems to improve performance, maintainability, and code reusability

LANGUAGES

English, Greek

Front End Software Engineer — [Proto.io](#) & [Overflow.io](#)

AUGUST 2018 - JANUARY 2021 — Nicosia, Cyprus

- Developed and maintained features for a SaaS front-end application
- Led transition to React and Webpack for the company's main product
- Led initiation and implementation of a front-end test suite using Jest
- Acted as an Agile advocate and representative for the team
- Defined a code style guide for following and enforcing standards and best practices across the team
- Identified, measured, and resolved performance and scalability issues
- Worked closely with the product owner and back-end developers to deliver requirements
- Set up Continuous Integration/Deployment pipelines through Azure
- Mentored, coached, and provided feedback to new developers

Senior Front End Developer — [Alliants](#)

MARCH 2018 - JUNE 2018 — Southampton, United Kingdom

- Designed and implemented front-end applications using React and Redux
- Identified and resolved performance, structure, and scalability issues
- Led initiation and implementation of a front-end test suite using Jest
- Worked closely with product managers and back-end developers to deliver requirements

Senior Front End Developer — [Efficio Digital](#)

JUNE 2016 - MARCH 2018 — Southampton, United Kingdom

- Led the architectural solution for front-end applications and packages
- Acted as a subject-matter expert, front-end owner, and architect
- Engineered scalable, efficient, and reusable front-end packages
- Progressively enhanced a unified theme for all in-house applications
- Identified, measured, and resolved performance and scalability issues

- Provided training and consultation to front-end developers
- Defined a visual and code style guide for following and enforcing standards and best practices across the team
- Worked closely with UX designers, project managers, and back-end engineers to deliver requirements

UI/UX Developer — [Feefo](#)

APRIL 2015 - JUNE 2016 — Petersfield, United Kingdom

- Developed and maintained bespoke features for a SaaS platform in a collaborative Agile environment
- Identified requirements and participated in the design process
- Refactored and optimized systems to improve performance, maintainability, and code reusability

Web Developer (Placement) — [University of Portsmouth](#)

JULY 2013 - JULY 2014 — Portsmouth, United Kingdom

- Developed dynamic full-stack applications and RESTful APIs for staff use
- Built a platform to allow students and staff to build their own applications using data from public-facing APIs
- Provided technical support and consultation to students and staff

Web Developer (Intern) — [SNQ Digital](#)

JULY 2012 - SEPTEMBER 2012 — Nicosia, Cyprus

- Use of CSS3 and jQuery to create aesthetically pleasing websites
- Contributed to active projects and provide consultation
- Extensive use of Adobe Photoshop in order to create prototype designs

Web Developer (Intern) — *Netquest*

JUNE 2008 - AUGUST 2008 — Nicosia, Cyprus

- Tested websites for potential bugs prior to delivery to the client
- Use of Adobe Photoshop in order to create layouts for websites
- Assisted with the design of numerous websites using HTML and CSS

EDUCATION

BSc (Hons) Computer Science (2:1) — *University of Portsmouth*

SEPTEMBER 2011 - JUNE 2015 — Portsmouth, United Kingdom

- Developed an NFC-assisted student attendance monitoring system using AngularJS, Node.js, and MySQL
- Represented university at Cisco University Challenge hackathon

- Focused on web technologies, data structures and algorithms, functional programming, as well as neural networks and genetic algorithms