



# Sagar Sawuck

Senior TypeScript Product Engineer (React/Next + Node/Express)

## Profile

I build digital products for people, crafting user experiences that are simple, engaging, and delightful. I'm a clean code advocate who believes great software comes from great teamwork—whether that's mentoring developers, collaborating with designers, or taking ownership.

- Front-end specialist with full-stack capabilities (React, Next JS, VueJS, Angular, API development, Node JS, Express, Fastify, NestJS)
- Focused on user experience, engagement, and performance optimisation
- Experience with design systems, component libraries, and scalable UI architecture
- Curiosity & passion for lifelong learning, evolution, and innovation
- Proven track record delivering complex, data-intensive projects autonomously and in teams
- Clean code advocate, ensuring maintainability and developer productivity
- Effective communicator who mentors teams and translates technical concepts to stakeholders

## Experience

**Freelance Senior TypeScript Engineer (Self-employed), Sagarsys Web Solutions — Amsterdam / Remote – Available for freelance/contract roles**

JANUARY 2026 — PRESENT

Independent consultant delivering high-quality front-end and full-stack TypeScript solutions for startups and product teams.

- Build and ship user-facing web apps with **React / Next.js, Vue, and Angular**, focusing on **UX, performance, and maintainable architecture**
- Own delivery end-to-end: requirements discovery, technical design, implementation, testing, and release
- Help teams move faster through **clean code practices, component-driven UI, design systems**, and pragmatic DX improvements
- Provide backend support when needed: **Node.js + Express** APIs, integrations, and tooling to unblock product delivery

**Tech & Skills:** *TypeScript, React, Next.js, Vue, Angular, Node.js, Express, REST APIs, Testing (Jest/Vitest/Cypress), CI/CD, Vite*

**Software Specialist (Senior Front-end consultant), iO, Amsterdam**

JANUARY 2025 — DECEMBER 2025

Building and innovating internal tools that empower non-technical teams at iO. Gathering requirements directly from stakeholders, I design and deliver solutions that solve real problems—while pushing boundaries with AI-augmented interfaces.

- Integrated AI agents (LLMs) directly into UIs to enhance platform capabilities
- Full ownership from discovery to deployment
- Continuous learning culture: Frontend Masters certifications, workshops, conferences, and knowledge sharing through blog posts
- Worked on CSS3 Animations for Philips Evnia

## Contact

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## Links

[linkedin.com/in/sagarsys/](https://linkedin.com/in/sagarsys/)  
[sagarsys.net](https://sagarsys.net)  
[github.com/sagarsys](https://github.com/sagarsys)

## Education

BSc(Hons) Web and Multimedia Development,  
University Of Mauritius, Mauritius

2011 – 2015: Graduated with honours, developed an Android app and a front-end website as the final-year project

## Skills

**Core stack:** JavaScript, Typescript, HTML, CSS

**Frameworks:** React, NextJs, Angular, VueJs, Svelte

**Backend:** Node.js, ExpressJs, NestJs, Fastify, OpenAPI Spec (OAS)

**Testing:** Jest, Vitest, Jasmine, Cypress, Testcafe

**Databases:** MongoDB, DynamoDB, MySQL, PostgreSQL, Sequelize

**Cloud & DevOps:** AWS, GCP, Docker, Kubernetes, Helm, GHA, GitLab CI

**Tooling:** Git, Webpack, Vite, NPM/Yarn/PNPM

**Methodologies:** Scrum, Kanban, Agile

## Languages

English

French

Dutch (A2-B1)

**Tech & Skills:** React, Next.js, TypeScript, React/Redux query, Zod, Vite, Vitest, Firebase, Node.js, GHA, AI/LLMs, Cursor, Nest.js, Tailwind CSS v4, Styled Components

## Lead Front-end Developer, bol.com via iO (Contract), Utrecht

APRIL 2025 — SEPTEMBER 2025

Architected and built a React platform enabling social media creators to launch their bol affiliate storefronts— focusing on user & developer experiences, and guiding a backend-focused team through their first React production environment.

- **Front-end Solution architecture:** Designed scalable frontend architecture, establishing best practices and technical standards
- **Team enablement:** Mentored backend developers on React through hands-on sessions, code reviews, and pair programming
- **Gitlab CI automation:** Built deployment pipelines to enforce code quality standards
- **Cross-team collaboration:** Partnered with platform team to refine the newly ported React component library—first production implementation
- **UX innovation:** Collaborated with designers to fine-tune user experiences; gathered alpha user feedback and iterated rapidly

**Tech and Skills:** React, TS, Redux Toolkit, Solution Architecture (Frontend), Design systems, Gitlab CI, e2e/unit testing

## Full-stack JavaScript Developer, Talpa eCommerce, Amsterdam

OCTOBER 2022 — NOVEMBER 2024

React/Next.js ninja for a high-traffic e-commerce platform serving millions of users. Focused on engagement, performance, and developer productivity.

- Enhanced UX and performance, driving higher user engagement
- Improved code maintainability and developer experience across the team
- Built REST APIs alongside frontend features for seamless integration

**Tech & Skills:** React, NextJS, Typescript, Jest, Redux, NodeJS, GHA, Fastify, AWS, Docker, K8

## Full-stack Developer, Corel Corporation, Mauritius / Remote

JULY 2022 — OCTOBER 2022

Mind mapping software development - supporting people, teams, and organisations to manage, organise, and plan their ideas through our sleek mind-mapping software, working with remote colleagues across multiple time zones, contributing to a large & complex codebase

**Tech & Skills:** User Experience (UX) · Vanilla JavaScript · Algorithms · Complex Software Development · Creative Problem Solving · Innovation

## Senior React Developer, Providus Technologies Limited, Mauritius

MARCH 2021 — JUNE 2022

Built a real-time virtual soccer betting platform serving 11 million Nigerian users with live updates and animated game simulations.

**Tech & Skills:** React, Redux, JS, Webpack, NodeJS, Firebase, GCP, CI/CD (Jenkins)

## Senior Software Developer, Maureva, Mauritius

JUNE 2019 — DECEMBER 2020

Modernised a revenue accounting platform for airline providers by migrating legacy UIs to Angular, developing a reusable component library, and managing complex, data-heavy interfaces.

**Tech & Skills:** Angular, RxJs, Typescript, Component library, AWS, Java (Spring Boot)

## Full-stack Developer, BFast Systems, France / Remote

OCTOBER 2018 — MAY 2019

## 🌀 Interests

Design patterns, clean code, innovation with AI, Psychology, Photography, Nature, Sustainability, Hiking, Mindfulness, Art, Music & Culture, Science, Quantum Physics, Spirituality, Self-development (among others)

## 🌞 Highlights

### 🌐 Founder of SagaVortex Art Photography, Amsterdam

OCTOBER 2023

Photography is one of my greatest passions—now a registered business: <https://www.sagavortex.art/>

### 🤖 AI Agents Bootcamp with Frontmania

OCTOBER 2025

Completed an AI agent bootcamp on how to use LLMs with Typescript, React and NextJS: <https://frontmania.com/twodaysbootcamp/>

### 📖 Continuous Learner: Certification, courses and meetups

Regular attendee at tech meetups and conferences across the Netherlands. Certifications from Frontend Masters, Egghead.io, and Udemy. I share what I learn through blog posts on iO's Tech Hub and internal knowledge sessions.

<https://techhub.iodigital.com/authors/sagar-sawuck>

## 🌱 What Drives Me

Beyond writing code, I'm passionate about discovering people, creativity, nature, conservation, healthy living, science, sustainability, renewable energy, and humanitarianism. I believe technology should serve a greater purpose—which is why I'm excited about opportunities that align innovation with positive environmental impact.

When I'm not coding, you'll find me hiking, exploring nature, art and culture, diving into psychology and quantum physics, or practicing yoga and mindfulness. I enjoy sharing my photography with people to make them more conscious of the beauty of nature, in the hope that they protect it for ourselves and future generations.   
#SaveSoil

Interactive kiosk application development - driving marketing campaigns in a fun and interactive way, offering users a chance to win prizes interactively, and engineering templates & libraries for faster development of new campaigns.

**Tech & Skills:** *NodeJs, Electron, Express, VueJs, Sequelize, MySQL, SQLite, MongoDB*

### **Senior Front-end Developer, IPEDIS, Mauritius**

SEPTEMBER 2018 — SEPTEMBER 2019

Led frontend development for a document virtualisation platform with a strong focus on accessibility, enabling organisations to customise and publish interactive annual reports online (from PDF to an online platform), pioneering custom in-house solutions & libraries as the front-end team lead with close collaboration of the CTO and stakeholders.

**Tech & Skills:** *Angular, Typescript, CSS3, HTML5, Symfony, Elastic Search*

### **Frontend Developer, Proximity BBDO Indian Ocean, Mauritius**

JUNE 2016 — AUGUST 2018

Developed and maintained websites for P&G consumer brands and real estate clients, automating workflows for developer efficiency.

**Tech & Skills:** *VanillaJS, JQuery, CSS3/SASS, Bootstrap, Foundation, AngularJS, Gulp, Sitecore, .NET, Drupal*