

Konstantinos Kapenekakis

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INTRO

My name is Kostas and I am a full stack software engineer with more than 10 years of experience. I have worked with a variety of languages, tech stacks, industries, different sized companies & diverse teams. My tools of choice are JavaScript/TypeScript, React/ReactNative/NextJS, Redux, GraphQL/REST, Node.js & AWS but my focus is always on the product and the users' needs rather than the technology itself.

I am highly passionate about:

- Creating products that I will be proud of.
- Collaborating with talented people.
- Working on things that make the world a better place.

SKILLS

Languages: JavaScript (ES2023), TypeScript, Flow, ReasonML, Python, Rust

Front-end Development: React, ReactNative, Redux, NextJS, Remix, Angular, Contentful, Sanity, GraphQL/Apollo, RxJS, Emotion, Styled Components, Chakra UI, Tailwind, Storybook, Chromatic, Figma, Mural

Back-end Development: Node.js, Express, GraphQL/Apollo, Kafka, MongoDB (NoSQL), DynamoDB (key-value), PostgreSQL, MySQL, OpenAI GPT SDK, Algolia

Infrastructure Orchestration: AWS*, Vercel, Linux/Unix, CIs, Docker, nginx, Terraform, Ansible

Testing: Jest, RTL (React Testing Library), Vitest, Cypress, Enzyme, Mocha, Sinon, Chai

AWS in detail: Lambda, API Gateway, S3, Cloudfront, IAM, Cognito, Amplify, DynamoDB, DocumentDB, RDS, Route53, SES, CloudWatch

Compliance: Finance, GDPR, Data Privacy, Cyber Security, Accessibility, Internationalization, SEO

Industries: Clean Energy, Finance, Insurance, E-commerce, Fashion, Travel, Agency, Charity, IoT, SaaS

EXPERIENCE

Senior Engineer (contract) at develop, on site with Diageo

January 2024 - October 2024

- As a member of the Web Transformation team, I contributed to the migration of the Guinness website to a new platform based on NextJS and Contentful CMS, focusing on improving scalability and maintainability.
- Engaged in the entire replatforming lifecycle of the Baileys website from discovery through implementation, significantly enhancing performance, accessibility, and SEO, which elevated lighthouse scores from around 60% to perfect 100% in most cases.
- Played a key role in the discovery phase for the Astral Tequila website, analyzing core components and sections to accurately estimate the required time and effort. Developed a comprehensive plan that laid the groundwork for a successful web transformation.

Technologies: React, NextJS, Server components, TypeScript, Node.js, Contentful, Tailwind, Azure DevOps, Vercel, Unlighthouse, Salesforce marketing cloud API, Klaviyo API, Mapbox, Algolia, Figma, Mural

Tech Lead at Loopla

October 2023 - December 2023

- Managed a team of 3 engineers, fostering a collaborative & results-driven work environment.
- Developed architectural & sequence diagrams to enhance project clarity and facilitate efficient decision-making.
- Streamlined task tracking & project management by creating and refining Jira tickets with clear description and precise acceptance criteria.
- Pushed for better use of the Scrum processes to eliminate bottlenecks, leading to a noticeable increase in team's velocity.
- Advocated for automated testing and higher code quality standards, enhancing the reliability and maintainability of the software.
- Accelerated feature delivery by making quality assurance & production deployment a daily routine instead of a monthly task.
- Created a can-do culture by enabling the team members using their initiative & giving autonomy to make their own decisions, whilst making sure I was there to support them with critical decisions.
- Introduced team OKRs to align project goals and outcomes, emphasizing measurable results over guesswork.

Tech, tools & skills: Scrum, Jira, Confluence, Miro, Figma, React, NextJS, TypeScript, Node.js/Express, MongoDB, Atomic Design, Github Workflows, GCP, Playwright, Vitest, Auth0, Spektrix, Slack-API

Full stack software engineer (contract) at Comma by Weavr

April 2023 - August 2023

- Bootstrapped a mock bank microservice for internal use in order to ensure a more realistic environment for quality assurance testing.
- Refactored our telemetry services, optimising data collection and formatting to enhance application performance and metrics consistency.
- Updated and changed various parts of the app and the microservices to match new brand, add new functionality and fix problems.

Technologies: React, NextJS, TypeScript, Node.js/Express, MongoDB/Mongoose, Styled Components, Circle CI, AWS, Vitest, Sendgrid, Auth0, Mixpanel, RabbitMQ, Slack-API, Yapily, Figma

Senior software engineer (contract) at Lendable LTD

April 2022 - August 2022

- Built a complete new self-serve flow to help the users who have loans in arrears to arrange a repayment.
- Refactored existing forms that allow users with financial difficulties calculate their disposable income and make an arrangement.
- Added a flow that allows users to change their account details.
- Refactored big parts of the codebase to use TypeScript, React hooks and React Testing Library.

Technologies: React, Redux, TypeScript, NextJS, SCSS, Jest, React Testing Library

Software consultant (contract) at AND Digital

January 2022 - April 2022

(Client: Robert Walters)

- Implemented multiple frontend parts and created several custom UI components based on Material-UI required for specific requested functionality.
- Solved various bugs, refactored parts of the codebase and pushed for cross-team collaboration on code standards and best practices.
- Pair-programmed with other developers and helped new members of the team get introduced to the codebase.

Technologies: React, TypeScript, Material-UI, Node.js, Jest, Storybook, Figma

Software developer (contract) at Flickr

November 2021 - January 2022

- Worked with the design team and created UI components that improved the user experience and helped to shift the product direction.
- Added backend parts that allowed more user and admin functionality to be introduced in the user dashboard.
- Collaborated with other developers and helped them solve various UI problems.

Technologies: React, TypeScript, Chakra UI, Figma, Node.js, TypeGoose, TypeGraphQL, NX, Jest

Software - IT consultant (contract) at Tractable

March 2021 - October 2021

- In close collaboration with our designers I created a component library which standardized our design system across our products and improved development speeds.
- Built an interactive explosion chart using Angular and Leaflet, which helped the research team to do faster classification of car parts across different car models.
- Developed a value mapping dashboard using Angular and firestore for our property insurance product.
- Created a client facing mobile web app for insurance users to help them fill their claims.

Technologies: React, TypeScript, Styled Components, Storybook, Chromatic, Github Workflows, Node.js, Angular, Leaflet, Firebase, AWS, Locize

Full Stack Software Engineer (contract) at GFK

January 2021 - March 2021

- Worked in the Onboarding/University team, helping new members setup and run the project on their machines and understand the different parts of the codebase.
- Paired with other members of the team, added new options to product graphs like "Moving Annual Total" and improved sorting persistence.
- Fixed various bugs and added more unit and integration tests.

Technologies: React, Redux, TypeScript, Node.js, GraphQL, RTL, Cypress, GCP

Full Stack Software Engineer (contract) at Gravitai
(Client: Schroders Personal Wealth)

June 2020 - November 2020

- Created new vendor personalizable pages, working in collaboration with the designer.
- Applied multiple UX improvements to the campaign page and added several new components that improved the trustability of the website.
- Improved SEO, fixed type errors and numerous bugs.

Technologies: React, Redux, TypeScript, Node.js, Contentful CMS, Salesforce, AWS, GCP

Full Stack Software Developer (contract) at Kaluza, OVO group

October 2019 - April 2020

- Developed features providing useful stats, insights and actions for the "OPS Console" dashboard, used by the operations and support engineers while ensuring Data Privacy and GDPR compliance.
- By combining SQL queries and adding list prerendering and memoisation on the frontend, managed to scale the dashboard to handling thousands of devices and continuous device telemetry smoothly.

Technologies: React, Redux, Apollo GraphQL, TypeScript, Node.js Express, Apache Kafka, Elasticsearch, PostgreSQL, Docker, Terraform, GCP

JavaScript Developer (contract) at Eurostar

January 2019 - October 2019

- As part of the content and personalization team and delivered features to the main Eurostar website which is accessed monthly by 1.2 million unique users.
- Developed features and improved stability for the internal (stock, workforce & task management) app used by train depot engineers.
- Designed and implemented a reusable GraphQL API and reworked the front-end app for a competition that got more than 50 thousand entries and brought more than 15 hundred marketing signups.

Technologies: React, TypeScript, NEXT.js, Apollo GraphQL, MongoDB/DocumentDB, Material-UI, Sanity CMS, React-Testing-Library, Cypress, Terraform, AWS

Web front-end engineer at depop

September 2017 - January 2019

- Organised the hiring based on Aptitude, Attitude and Attributes, creating a web team of 3 engineers.
- Increased the speed and stability of the main web app and reduced the downtimes by applying the Clean Code principles, adding unit tests and enforcing strict types with TypeScript.
- Added funneling & AB testing and improved analytics while at the same time we made sure that the app is GDPR compliant.
- With the rest of the team we developed a set of additional micro front-end apps and API microservices that increased the user registrations and sales, contributing to the company growth that during that time reached 12 million users.

Technologies: React, Redux, Relay GraphQL, Flow, TypeScript, Node.js Express, AWS, Terraform, Ansible, Fastly

Web developer (charity volunteer) at Carefreebreaks

June 2018 - December 2018

Managing director - Software engineer at Oranger LTD

November 2015 - Current

JavaScript developer (contract) at hevny

October 2015 - August 2017

Front-end web developer (contract) at Qrator

June 2015 - August 2015

Web developer at Holic

May 2014 - October 2015

Web developer at Fast Web Media

May 2012 - August 2013

Co-founder & engineer at crunch.fm

December 2012 - June 2013

PROJECTS

Math in Greece (mathingreece.org) - Conferences and seminars in Mathematics organized in Greece 2016
“Gear Project” collaboration chart (gear.math.illinois.edu/members/signin/collaboration) 2015-2017
“Gear Project” members’ profiles (gear.math.illinois.edu/people/network) 2014
Dummy react router (codesandbox.io/s/mq4pvmo6yx) 2018
How you spellin? (how-you-spell.in) - An app that spells text using the radiotelephony alphabet 2022
CorpFather - An app that helps you find the best company name for your startup 2023