

Kenan Garayev

Software Engineer | TypeScript, JavaScript, Python, React, Node, React, Flask

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SUMMARY

- I am a Full-Stack Software Developer, a Chartered Engineer and a Project Manager.
- I have extensive commercial experience in building multiple back-end and front-end services.

TECHNICAL SKILLS

- **Languages:** Typescript, Javascript, Python, C, SQL, HTML, CSS
- **Technologies:** React, Next.js, Node, Express, Flask, AJAX, Redux, Redux Toolkit, Webpack, API (REST, GraphQL), MFA, OAuth, Animation (Greensock), Graphing (d3.js), Realtime (WebSockets), Webhooks, SASS, Material UI, Tailwind, Bootstrap
- **Testing:** Jest, Vitest, Vite, ESLint, Pytest, Cypress, Selenium, Insomnia, Postman, Mocha
- **Databases:** SQL (MySQL, Postgres, SQLite), ORM, NoSQL (MongoDB with Mongoose.js, Redis, Firebase, GraphCMS/Hygraph)
- **DevOps:** Docker, Kubernetes, Vercel, Serverless (incl. AWS Lambda, Netlify, Heroku, Render), Apache, XAMPP, Proxy

EXPERIENCE

Keller Group

Sep 2016 – Present

Full-Stack Software Engineer

Jul 2023 – Present

- Developing back-end and front-end services for operational and commercial functions using Typescript, React Redux, Node and SQL.
- Built a full-stack claims management app with Node, SQL and React to deliver 14% increase in successful claims year on year.
- Improved the grout injection, production and data analysis data GUI using React, Redux and d3.js.

Project Manager

Sep 2020 – Present

- Youngest Project Manager in Keller UK, managed 39 projects worth £61.8M in revenue.
- Drove automation and implemented LEAN principles to increase profit margins by 4% year on year.

Senior Project Engineer

Mar 2017 – Aug 2020

PERSONAL PROJECTS

Carbon Intensity Bot | gb-carbon-intensity.netlify.app | Provides real-time, location-specific carbon intensity and electricity mix data

- **Backend:** Python, Flask, Cookies, SQLite, Jinja Templating, 3rd Party National Grid REST API
- **Frontend:** Vanilla JavaScript, AJAX, Axios, Integration of Multiple 3rd Party APIs, Figma, HTML, CSS, Joi Validation

Stash | stash-uwns.onrender.com | A fintech Progressive Web App for account creation, transactions, and customisation

- **Back-end:** Node, Express, Typescript, Token Auth, 3rd Party API Integration, Rate Limiting, MySQL, REST API, WebSockets, Validation
- **Front-end:** React (Hooks), Redux Toolkit, AJAX, Axios, API Integration, Material UI, Figma, HTML, CSS, Joi Validation

Easy Nutrition | easy-nutrition.netlify.app | A nutritional data Progressive Web App for food, with sorting, filtering, and favourite-saving

- **Backend:** Node, Express, MySQL, REST API, Joi Validation
- **Frontend:** React (Hooks), Redux Toolkit, AJAX, Axios, API Integration, Figma, HTML, CSS, Joi Validation

Some Ricks and Some Morties | some-ricks-and-some-mortys.netlify.app | An App for viewing, sorting, filtering, and managing characters.

- **Backend:** Node, Express, MySQL, REST API
- **Frontend:** Functional React (Hooks), Redux Toolkit, AJAX, Axios, API Integration, Figma, HTML, CSS, Joi Validation

EDUCATION

The Jump Digital School

Jan 2023 – Aug 2023

- A Full-Stack Software Engineering program with individual/team projects, hackathons, and professional web app development.

University College London (UCL)

Sep 2013 – Aug 2016

- BEng in Civil Engineering (Hons) | 1st Class Honours Distinction Diploma (95th percentile) | Full-tuition scholarship
- President of the UCL Azerbaijan Business Society

Berkeley CS61A – Structure and Interpretation of Computer Programs | **Harvard CS50** – Introduction to Computer Science

ADDITIONAL INFORMATION

- **Achievements:** 1st in Baku Competitive Programming Olympiad, 3rd in Azerbaijan Competitive Programming Olympiad
- **Languages:** Fluent in English, Turkish, Azerbaijani and Russian