


# Tatenda Chawanzwa

## Languages / Technologies

NodeJS, Javascript (ES6, React, Redux, D3.js), React-Native, Typescript, Storybooks, Jest, Sinon.js, Enzyme, react-testing-library, Mocha, Cucumber.js, Cypress, PHP (Laravel, Slim, Wordpress), GRPC, HTML, SCSS, GIT, Nginx, Apache, Linux OS, MYSQL, GraphQL, Postgres, DynamoDB, MongoDB, Elasticsearch, Redis, Contentful Headless CMS, Docker, Kubernetes, AWS, JIRA, CircleCI

## Software

Adobe Creative Suite, Sketch, Blender 3D, DaVinci Resolve, GNU Octave

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## About Me

Full Stack Engineer and speaker familiar with the entire engineering process from design to deployment. Strong design acumen is coupled with extensive knowledge of Javascript (Typescript, ES6, React, Redux...) alongside proficiency in the Adobe Creative Cloud and Sketch. Backend I have solid commercial experience with NodeJS (REST, RPC protocol, Express.js, Fastify.js...), various ORMs/ODMs, GraphQL, comprehensive knowledge of PHP (Laravel, Slim, Wordpress), AWS (Api Gateway, Lambda, RDS, S3...), GIT, Nginx/ Apache, Docker and other devOps tools such as CircleCI. As well as that I also have contributed to various open source projects, Serverless framework, react-datepicker, and php-ffmpeg to name a few. I'm also a public speaker, regularly speaking at numerous [frontend/backend](#) tech meetups across London

## Experience

### *Sainsburys - Senior Developer*

April 2021 - October 2021

Accenture contract. Working for Sainsburys DTP team helping create a platform to help clients reach Nectar 360 customers via Google Ads (DV360) and Facebook Ads. Stack comprised of Node, Typescript, GraphQL, MongoDB, Serverless, AWS (lambda, sns, sqs, cognito), DV360 api, Facebook Ads api and React on the frontend

### *Marks & Spencers - Full Stack Developer*

January 2021 - April 2021

Working under TATA Consultancy. Role to facilitate a new in house team. Duties included adding various features to M&S site and also helping spearhead the companies move to GraphQL. Stack: Node, Handlebars.js, React, GraphQL, Sinon, Chai

### *ISSUU - Senior Software Engineer*

July 2020 - October 2020

Fully remote contract role. This was with a stack comprising of Typescript, React/Vanilla JS, Storybooks, styled-components, ExpressJS server, Pug templating engine, Contentful Headless SMS and Jenkins for CI/CD. Main priorities were adding new components which were used throughout [issuu.com](https://issuu.com). Also recoded their blog from Wordpress to a new React frontend powered by a Contentful backend.

### *Nandos - Full Stack Developer*

January 2020 - March 2020

Contract role. This included work integrating Nandos with new delivery partner. Stack included GraphQL, Golang (gqlgen, ginkgo/gomega for tests), Node (apollo-server, jest for testing), kubernetes. Built two services, a

graphql Golang service and a node Apollo service which used schema delegation to fuse multiple graphql services into one schema

#### *Eurostar - Full Stack Developer*

December 2018 - December 2019

Node/Typescript/React contract role. Working on greenfield pricing engine for their packages platform. Helped build to MVP and then assisted in building further features used by services throughout the Eurostar organisation

Stack included React, Next.js, React-Apollo, Jest, Enzyme, Cypress, GraphQL, ExpressJS, Cucumber.js, Contentful CMS, and Docker/CircleCI for CI pipeline

#### *Sky - Senior Developer*

October 2018 - December 2018

Contract working on the NOWTV platform. Helped new integration with BT following a strict TDD/BDD environment. Stack included React, Redux, Enzyme, Sinon, Mocha, Cucumber.js

#### *Infosum - Senior Frontend Engineer*

September 2018

Small contract based in Basingstoke. Duties were to optimise data heavy dashboard on their analytics platform. Stack was React, Redux, Redux-Thunk, Typescript and D3.js. Contributed to their open source D3 library `cl-react-graph` as part of my time there

#### *90 Percent Of Everything - Full Stack Software Engineer*

April 2018 - August 2018

Contract role. Stack included Node, GraphQL, gRPC, Golang, React, Redux, React-Apollo, Redux-Saga, Postgres, Elasticsearch and MongoDB. Instigated a major architectural change from data architects as well as contributing to frontend code, including creating a notifications component used throughout all apps, file upload component and various components to display and amend documents. Gained heavy exposure to their deployment pipeline which included Docker, Kubernetes and Concourse

#### *Applied Blockchain - Software Engineer*

March 2018 - April 2018

Joined for a short period as company over hired front end devs and lost some contracts. Whilst there worked on a small React-Native project which enabled user to register on the Blockchain platform, being provided with a mnemonic key which was saved to devices Keychain (iOS)/ Key Store (Android).

#### *Ruuby Limited - Software Engineer*

[www.ruuby.com](http://www.ruuby.com)

February 2017 - March 2018

Was the sole in house developer along with the CTO. Stack comprised of Javascript (ES6/7, Typescript), React, React-Native and NodeJS (ExpressJS). Tasks range from redeveloping old React website front end with a new design, also updated api calls to talk to new NodeJS backend. Also wrote/extended many of the microservices used throughout all applications React-Native and NodeJS (ExpressJS). Wrote/extended many of the microservices used throughout all applications including multiple Lambda functions which were responsible for issuing customer refunds, sending push notifications/emails, logging update data to audit system which I also built. Built the admin panel (React/Redux/NodeJS) which is used by the operations team to amend bookings/ customers/therapists data, create/debit customers cards, add/crop therapist profile images etc...

Contributed to both ruuby customer and ruuby pa react native apps, graphical design/videography work, including designing and coding the profile pages of the website and editing a Ruuby promo video which was played at the London Fashion Festival 2018

## Freelance Developer/Graphic Designer

Mid 2015 - January 2017

Undertaken a range of projects with a stack comprising of PHP (Laravel), NodeJS, React, Redux, Redux-Saga, Nginx, MySQL, Redis and the whole Adobe Creative Suite. Most notable project was for musical artists [www.zoegracemusic.com](http://www.zoegracemusic.com) ([www.behance.net/gallery/47956123/zoegracemusic-website](http://www.behance.net/gallery/47956123/zoegracemusic-website)). As the sole developer my responsibilities included

- Design entire site, including all digital banners/emails/icons/photographs (*Photoshop, Illustrator, After Effects, Canon 5D Mark III*)
- Write entire code base using *Laravel*
- Build ecommerce platform using *React.js, Redux, Redux-saga*. Built custom CMS where store can be maintained/updated using technologies like *FFMpeg/Redis/Socket.io*. *Laravel* used for store API
- Setup server infrastructure. This included a Linode instance with Ubuntu and Nginx (*LEMP Stack*). Also setup ssl certificate for all sites running on the server (letsencrypt) and still carry out standard maintenance work on the server

## Videographer

2011 - 2015

Have been involved in numerous video projects since leaving college, including being the co founder of ATS Productions, a media company I cofounded. We recorded weddings, conventions and generally any requested event. Graphic designer/videographer for record label CEM, where we've managed to accumulate more than 13 million YouTube views along with 100k subscribers

## Open Source Contributions

- [Hacker0x01/react-datepicker](https://github.com/Hacker0x01/react-datepicker): Added time picker component
- [PHP-FFMpeg/PHP-FFMpeg](https://github.com/PHP-FFMpeg/PHP-FFMpeg): Added feature to add metadata to audio files, including album/song artwork
- [cognitivelogic/cl-react-graph](https://github.com/cognitivelogic/cl-react-graph): Added scaleLog support to D3 library
- [serverless/serverless](https://github.com/serverless/serverless): Added cognito authorization to a load balancer event

## Education

*Machine Learning by Stanford University on Coursera.*

Certificate earned March 10, 2016

<https://www.coursera.org/account/accomplishments/certificate/926H9224T27F>

4 A-Levels

Beths Grammar School ('09) & Mayfield Grammar School ('15)

Design & Technology (A), Mathematics (A), Art & Design (B), Further Mathematics (C)

## References

Available on request