Tatenda Chawanzwa

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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, Kubernates, AWS, JIRA, CircleCI

Software

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

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 (Sequelize, TypeORM, Mongoose), 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

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. 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), kubernates. Built two services, first was a graphql Golang service and second was a node Apollo server 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. Including adding new migrations to update Postgres tables, amending both GraphQL and gRPC servers to handle data from new architecture and other various code refactoring. Also contributed to frontend code, including creating a notifications component used throughout all apps, file upload component and various components to display and amend documents. Full stack work included creating a reports page where users could specify what information they needed and generating a csv after collating the data from different data points on the backend (GraphQL, gRPC, various golang microservices). Backend work included adding ability to search for a new type of crewman. This encompassed updating the Elasticsearch mappings, adding new filters to the Elasticsearch query, amending protobufs for the gRPC servers and creating a new GraphQL endpoint for the frontend to talk to. Gained heavy exposure to their deployment pipeline which included Docker, Kubernates 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
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 applicationsReact-Native and NodeJS (ExpressJS). Wrote/extended many of the microservices used throughout all applications including multiple Lambda functions which were are 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. Contributions include adding ability to select multiple treatments with quantity animation, adding recommender functionality, ability for therapists to add new treatments to an ongoing session. Also done some 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 (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: Added time picker component

- PHP-FFMpeg/PHP-FFMpeg: Added feature to add metadata to audio files, including album/song artwork

- cognitivelogic/cl-react-graph: Added scaleLog support to D3 library

- 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