

Michael Graham Briggs

Curriculum Vitae

Location:

Barton-upon-Humber, North Lincolnshire

Web:

<https://www.michaelbriggs.co.uk>

Professional Summary

I am a versatile and highly skilled web developer with over 20 years experience in full-stack development, specialising in front-end technologies including React/Next.js and with back-end expertise in Ruby on Rails. I deliver creative, visually appealing, and highly functional web applications. I am proficient in collaborating with design teams and leading development projects across various industries, including education, leisure, and legal sectors.

During a recent sabbatical, I developed two personal projects to enhance my skills in React/Next.js. I am now seeking a challenging role where I can apply my expertise and passion for web development.

Technical Skills

Front End

- React.js
- Next.js
- TypeScript
- HTML, SCSS and JavaScript
- Tailwind CSS
- Chart.js

Development Process

- Sitemapping and Wireframing
- Full Stack Development
- Database Design and Integration
- API Integration

Back End

- Ruby on Rails
- Express.js
- Sinatra
- PostgreSQL
- Supabase

Tools / Other

- Git
- Photoshop
- Illustrator
- Grafana

Side Projects

Mego - Lego Auditing Tool

<https://mego.michaelbriggs.co.uk/>

Mego is a React and Next.js multi-user web application created to catalogue extensive Lego collections. It leverages Supabase for data management, authentication and image storage.

The app provides detailed brick auditing capabilities, enabling the aggregation of parts by colour and shape, offering a comprehensive overview of each collection's inventory.

Dokku - Sudoku Solver

<https://dokku.michaelbriggs.co.uk/>

Dokku is a sudoku solver developed with React and Next.js, designed to tackle complex problem-solving while maintaining a clean, intuitive user experience.

This project serves as my go-to exercise for refining advanced coding skills and algorithmic thinking. In addition it focuses my UX skills to ensure simplicity and usability at the forefront of the interface design.

Employment Overview

Digital Tools Developer

rradar - October 2019 - January 2024

<https://rradar.com>

- Built and maintained various tools, such as legal calculators, a market segmentation tool and stats dashboards, using React and Ruby
- Developed custom Grafana plugins and dashboards, resulting in real-time insights and visualisation across multiple databases
- Prototyped the second generation of the company's mobile app, a legal assistant using React Native
- Seconded into a 6 phase data cleanse and merge of two 10 year data sets, for migration into Salesforce

Senior Developer

White Agency - April 2003 - September 2019

<https://www.white-agency.co.uk>

- Spearheaded the development of numerous large-scale web projects in the leisure, education, and legal sectors.
- Pioneered the company's in-house CMS, which was used to manage all web projects for clients.
- Developed multiple generations of websites for the caravan/motorhome industry, working with major brands such as Swift Leisure, AutoSleepers and Marquis Motorhomes.
- Led web development projects for educational institutions like Bishop Burton College, Wyke College, and Hessle Academy, driving their digital presence for over a decade.

Employment Summary

Digital Tools Developer, October 2019 - January 2024
rradar - 6 Beacon Way, Hull, HU3 4AE

Senior Developer, April 2003 - September 2019
White Agency, 61 North Bar Within, Beverley, East Yorkshire, HU17 8DG

Multimedia Manager, August 2002 - April 2003
SRD UK Limited, Annie Reed Road, Grovehill Industrial Estate, Beverley, HU17 0LF

Multimedia Developer, July 2000 - July 2002
Advance Visual Communications plc, The Dyehouse, Dyehouse Drive, West 26 Industrial Estate, Cleckheaton, BD19 4TY

Education

First Class B.Sc (Hons) Electronic Imaging and Media Communications
1997 - 2000, University of Bradford

- Awarded Founders Prize for the highest grade among 90+ students.
- Awarded Advance Digital Communications Prize for top 2nd-year grade.

Interests

I enjoy photography, music, supporting rugby league (Hull FC), and building intricate Lego models. During my recent sabbatical I have also taken up water colour painting.

I am passionate about creative projects and I'm always seeking new ways to apply my problem-solving skills to hands-on activities and personal challenges.