

Alexander Matthew Bunting

Angular/NodeJS
Developer

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I am currently working as an Angular Web Developer in Exeter UK and am looking for a new opportunity in the south west. Web development is my passion, and in my previous career teaching physics I often utilised web development to improve how my students were learning. I am ideally looking for a fully remote or hybrid position in South West England.

Skills

Front End	I work primarily within the Angular (v21) Javascript framework.
Languages	HTML5, CSS, SCSS, PHP, TypeScript , Javascript
Databases	Significant MySQL and Firebase experience but also MongoDB / GraphQL.
NodeJS	NodeJS / Express used for complex backends, including REST APIs.
Other	GIT, AGILE, Figma, jQuery, JSON, Websockets, Sequelize, Auth0, Brevo

Education

2011-2012	University of Cambridge	MEd (Master of Education) Science Teachers Researchers and Practitioners
2004-2009	University of Edinburgh	BSc Hons Physics with Honours in Computational Physics Awarded Second Class : Upper Division (2:1)

Relevant Professional Experience

2025 - present	KnowledgeBrief Angular Web Developer. In my current role I have primarily been working in Angular on a range of client facing projects, with major tasks including using Figma wireframes to develop front end pages, redevelopment of firebase cloud-functions, updating all Angular projects to v20 from v15 and taking responsibility for that updating process ongoing. I am currently working on projects involving AI integration to new and existing platforms.
2023 - 2024	Freelance Web Developer role. Developed SmartSort to schedule PE classes by student preference resulting in days of time saved for teachers and 99%+ students getting their first and second choice of activity. Designed and engineered an academic games tournament creator for the international school sector, creating complex tournaments in seconds.
2020 - 2024	Udemy courses in Javascript, Angular, NodeJS, CSS/SASS, React and Web Design as well a FreeCodeCamp course in Neural Network AI.
2018 - 2023	Taught at the American School of Doha . During this time I developed the !This>#Phys website making remote teaching physics much more engaging for students,

WordleLeagues and the **ReportsZone** SaaS, creating exemplary reports for students and saving teachers days of time writing reports. As a **grade level lead** (2019-2022) I helped rebuild the advisory program to help students better understand and maintain their mental health.

- 2014 - 2018 Taught at **Saigon South International School** in Vietnam. During this time I developed the **Apollo** app which revolutionised the teaching of physics, leading to a great impact on student learning. I also developed a 'Harry Potter Style' house point system which could be voice or QR code controlled, making house competitions fun and engaging for students. I was a **department head** (2016-2018) and **grade level lead** (2015-2018) during this time, as well as managing **three successful international trips** (2014-2017).
- 2010 - 2014 Taught at **Linton Village College**. Overhauled the schools internal messaging systems leading to much better in school communication, a part of the team which successfully converted the school to an academy and single handedly redeveloped the schools online learning platforms.

Major Personal Projects

*Please see my personal website for more detail on the projects listed, Github links and other projects:
<https://www.alexbunting.co.uk/>.*

- SmartSort** SmartSort (<https://smartsort.org/>) is an SaaS application designed to organise students according to their own learning preferences. It includes a forms utility to accept data, and a dashboard designed to help educators quickly and easily organise large groups of people. Written in the Angular Framework with a NodeJS API and MySQL database. Used to place over 99% of 800 students in their 1st choice course, and over 95% in both their 1st and 2nd choice.
- Quizzical** A company set up by myself and two other educators, Quizzical is an academic question writing company. My role is to build and manage a website which serves as an interface for the question writers, and build flexible tournaments (exported to google docs) quickly to make the running of tournaments simple.
- ReportZone** ReportsZone (<http://reportzone.sweeto.co.uk/>) is a SaaS application designed to help teachers generate personalised student reports quickly, with a minimum of data input. Written in the Angular Framework with a Firebase backend.
- WordleLeagues** WordleLeague (<https://wordleleague.sweeto.co.uk/>) is the place for friends to create their own Wordle league and keep up to date with each other's scores. Written in the Angular Framework with a NodeJS and MongoDB backend..
- !This>#Phys** I developed !This>#Phys (<https://physics.sweeto.co.uk/>) for students to do basic experiments on more lifelike simulations than are freely available. This is also a test site for other smaller projects. Written in the Angular Framework.
- Apollo** Currently undergoing a full revamp, Apollo (<https://apollo.sweeto.co.uk/>) is a teaching aid aiming to move the emphasis in the classroom from the teacher to the student. Written in PHP with a MySQL database.

About Me

Born in the UK and a native English speaker, I enjoy the outdoors and gaming, however travelling with my wife and two kids is what I enjoy most. I am an easy going person who enjoys working in teams and learning from and with others.