

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.alexhunting.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.sweetto.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.sweetto.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.sweetto.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.sweetto.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.