

# Alexander Blanchard

## Software Engineer

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Wirral, UK (Open to remote positions )

**Developer Portfolio:** <http://alexanderblanchardac.github.io/alexander-blanchard-webdev-portfolio>

As an experienced Special Educational Needs Teacher, I am comfortable with calmly delivering successful outcomes in chaotic, dynamic, and pressurised environments.

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## SOFTWARE ENGINEERING SKILLS

- **HTML5:** Semantically correct for accessibility and SEO.
- **CSS 3:** Responsive design, Flexbox & CSS Grid, pre-processors (SASS), and CSS frameworks.
- **JavaScript:** ES6+, AJAX & API's - REST and GraphQL, Animation (Greensock & Three.js), Graphing (d3.js) & Realtime (websockets and [socket.io](https://socket.io)), Next.js, OAuth, Vite.
- **React:** hooks, context, Material UI.
- **Testing:** TypeScript, Cypress, Vitest
- **Node.js:** Vanilla & Express.
- **Databases:** SQL - Postgres, NoSQL - MongoDB with Mongoose.js, Redis, Firebase.
- **DevOps:** Docker & Kubernetes, Heroku (inc. pipelines), serverless (inc. Netlify).

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## EDUCATION

### The Jump Digital School

*Sept 2022 - Dec 2022*

- A 12-week full-time programme of in-depth, full-stack Software Engineering Training enabling me to develop and deploy full-stack websites and web applications to a professional standard.
- Delivered individual and team projects, remotely, including participating in a hackathon

### University of East London

- Postgraduate Certificate of Education: Primary Education With Special Educational Needs

### Middlesex University

- BA Creative Writing and Journalism

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## PROFESSIONAL EXPERIENCE

### Nottinghamshire County Council,

*Jan 2021 - Sep 2022*

#### Special Educational Needs Teacher

- Led a team of 4 teaching assistants to design and deliver a structured curriculum, to meet the needs of children with special needs, in a very challenging environment
- Worked with multiple stakeholders and specialists to support the children to achieve their academic and behavioural goals

**ADDITIONAL INFORMATION**

- I have the right to work in the UK
- Immediately available for interview