

Alexander Blanchard

Software Engineer

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Wirral, UK (Open to remote positions)

Developer Portfolio: abcreated.com

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

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 & APIs - REST and GraphQL, Animation (Greensock & Three.js), Graphing (d3.js) & Realtime (websockets and 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).

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

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