

# David Piper

## Software Engineer

LinkedIn - <https://www.linkedin.com/in/david-piper-47911225b/>

Location: Southampton \*able to travel to London / relocate and work remote

Developer Portfolio: <https://david-piper-portfolio.co.uk/>

I combine in-depth software engineering skills with practical experience working at the coalface within the pressurised environment of the NHS

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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

#### Brunel University London

*Sept 2009 - May 2012*

- BSc: Sport, Health and Exercise Sciences

#### Kingston College London

*Sept 2007 - May 2009*

- Distinction in Sports Sciences

#### Twyford C of E High School

*Sept 2001 - Jun 2006*

- Maths **B**
- English Literature **B**
- Geography **B**
- Religious Education **C**
- Science (Double Award) **BB**
- English Language **C**
- Physical Education **B**

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## PROFESSIONAL EXPERIENCE

**UPS, Southampton**

*Sep 2022 - Present*

Warehouse Operative

- An evening role to provide income while undertaking full-time Software Engineering training with The Jump Digital School

**Imperial College Hospitals NHS Trust, London**

*Nov 2019 - Jul 2022*

Outpatients Administrator

- Managing outpatient queries (~ 100/day)
- Analysing activities to identify opportunities to improve process efficiency
- Working with multiple teams and stakeholders to deliver a better patient experience

**St Thomas' Hospital NHS Trust, London**

*May 2015 - Jan 2019*

Data Analyst Officer, Personal Assistant to Dr Al-Kaisy (Clinical Lead), INPUT Outpatient Administrator

- Creating finance and statistical Excel databases for the Pain Management Department
- Entering Data for these projects
- Liaising with the lead consultants to organise projects
- Creating powerpoint slides for global presentations
- Running and organising Pain Symposia
- Booking outpatient appointments for the INPUT team
- Creating Questionnaires for patients on touch pads

**Personal Carer, London**

*Aug 2012 - May 2015*

Full Time Carer for Grandfather

- Cooking and cleaning
- Monitoring and applying medications
- Food shopping
- Transport

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## ADDITIONAL INFORMATION

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