

# Jack Hansjee

*Aspiring Full-stack JavaScript Developer*

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## SUMMARY

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I am seeking to use my problem solving abilities in a software development role aided by strong communication and analytical skills acquired in the Northcoders's bootcamp. Proven to be a fast learner and a hard worker through time there as well as during a year out in a rare opportunity as a senior member of an auction house, responsible for managing and developing their technology platform. Currently based in London, though flexible with relocation within the UK and Ireland, where necessary.

## SKILLS

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Programming Languages	Javascript, SQL, MATLAB
Testing	TDD (Test Driven Development), Jest, Supertest
Back-end	Node.js, Express.js, PostgreSQL
Front-end	HTML, CSS
Hosting	Cloudflare, Supabase, Render
CI/CD	GitHub Actions
Other	Paired programming, SDL, AGILE methodologies, L <sup>A</sup> T <sub>E</sub> X

## PROJECTS

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### News API

Oct 2024

*Built with Node.js, Express.js, node-postgres and PostgreSQL*

- Provides a lightweight and robust RESTful API to manipulate data for a news aggregation site
- Supports full CRUD operations with features like user posted comments and patch-based voting
- Secured with unit tests written with Jest, and integration tests written with supertest
- Features continuous integration testing workflows hosted by GitHub actions for improved stability

### Frontend News Site

Nov 2024

*Built with React, React Router, Axios, and Vite*

- Offers users a clean and accessible presentation of the news served up by the API described previously
- Delivers content promptly and seamlessly with the use of client-side routing and optimistic rendering
- Embedded with a rudimentary authentication layer with persistent storage of the logged in user
- Optimised with memoisation for auth methods and content filtered for repetition to reduce API calls

## TECHNICAL EXPERIENCE

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### Northcoders

Sept 2024 – Nov 2024

#### *Skills*

- Fostered open and articulate communication through frequent paired programming
- Cultivated a thorough understanding of core JavaScript nuances and the Node.js runtime
- Developed robust solutions through extensive use of test-driven development
- Gained a unique insight into client-server relations through a detailed full-stack curriculum

## Head of Information Technology, Hotlotz Auctioneers

Jun 2020 – Aug 2021

### *Responsibilities*

- Purchasing and maintaining IT infrastructure within the saleroom and offices
- Negotiating supplier contracts for long-term technological-related needs
- Supporting customers with queries regarding the website and the bidding process for online auctions
- Incorporating customer feedback to improve the website's user experience

### *Achievements*

- Project managed a major overhaul of the company's website and online bidding platform
- Oversaw a complete redesign of the website's frontend and a ground-up rebuild of the backend to improve the efficiency of stock-tracking
- Liaised with a software development company over nine months using design mock-ups to clearly impart the Managing Director's vision
- Assisted the accounting department in preparing the company to become tax-registered by creating a pricing tool that allows the commission structure to be reverse-engineered using a desired net profit figure.

## OTHER INTERESTS

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### Sergeant, Air Training Corps

Sept 2015 – Jul 2018

### *Responsibilities*

- Training junior cadets in core skills such as drill and theory of flight
- Resolving conflicts arising between cadets and promoting social behaviour

### *Achievements*

- Built a comprehensive training structure to create a more engaging experience for cadets
- Received an award recognising outstanding community service by the Lord Lieutenant of Greater London
- Completed the 'Master Cadet' course consisting of principles of flight and propulsion theory
- Completed the ACLC, the highest badge earned for leadership within the ATC

## EDUCATION

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Aeronautical Engineering <b>Loughborough University</b> (incl. modules in computing)	2021 – 2024
3 A Levels at <b>Tanglin Trust School</b> , Singapore (A, A, B)	2018 – 2020
10 GCSEs at <b>The Harroddian School</b> , London (9, 9, 8, ...)	2016 – 2018