Jack Hansjee

Aspiring Full-stack JavaScript Developer

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 London - open to relocation

Summary

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.

Skills

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, LaTeX**

Projects

News API   Oct 2024
Built with Node.js, Express.js, node-postgres and PostgreSQL   *GitHub Repository*
– 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   *GitHub Repository*
– 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 repitition to reduce API calls

Restaurant Booking Service   Nov 2024
Built with React, React Router, React Native, Vite, Expo, PostgreSQL, and Supabase
– Provides customers with a user-friendly React Native app to check restaurant availability and make last-minute reservations

– Delivers restaurant managers a React-based website to view bookings and manage restaurant details

– Powered by Supabase backend with geospatial data (PostGIS) and custom PostgreSQL functions for efficient booking queries

– Styled using Tailwind CSS and NativeWind, with vite-svgr for flexible implementation of vector graphics

– Secured with JWT authentication, session expiry, and a robust auth context protecting routes from unauthenticated access

Technical Experience

Software Development in JavaScript, 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

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

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