SHIHUA YIN

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☰ PROFILE

Final-year Computer Science student at Goldsmiths (University of London), specializing in software development with a particular focus on React, React Native, and TypeScript, alongside back-end tools such as Node.js, Express, and MySQL. I have hands-on experience in building responsive web applications, designing reusable UI components, and developing RESTful APIs. You can access several of my deployed projects in the Projects Experience section or GitHub for more details. I also have project experience in data processing and analysis using Python. In addition to English, I am a native Chinese speaker.

🎓 TECHNICAL SKILLS

Programming Languages: JavaScript, SQL, Python, HTML/CSS,

Frameworks and Libraries: React.js, Next.js, React Native, Node.js, Tailwind CSS, EJS

⚙ EDUCATION

Goldsmiths, University of London | Computer Science | Bachelor   **Sept 2022 - June 2025**

Relevant modules include: Web Development, Databases and the Web, Software Design and Development, Object Oriented Programming, Algorithms and Data Structures, Programming with data, Discrete Mathematics, Agile Software Projects, Artificial Intelligence, Computer Security.

The Ultimate React Course: React, Next.js, Redux & More | Udemy   **July 2024 - Oct 2024**

The Complete Web Development Bootcamp | Udemy   **Sept 2023 - Dec 2023**

100 Days of Code: The Complete Python Pro Bootcamp | Udemy   **March 2023 - June 2023**

💼 PROJECTS EXPERIENCE

TripMap Tracker | Keywords: Next.js, OpenCage API, React Hooks | https://travel-log-app-topaz.vercel.app/

- Allows users to mark locations on a map, add trip details, and store personal travel logs.
- Integrated Leaflet for map display and OpenCage API for geocoding services, enabling users to get location details by clicking on the map.
- Using dynamic components for client-side interactivity.

VisualDev UI | Keywords : React, Tailwind CSS, UI Design, Node.js | https://visualdev-ui.vercel.app/

- A responsive UI library using React and TailwindCSS, offering copy-paste ready components for marketing websites.
- A Page Generator tool allowing users to create complete marketing pages using pre-designed UI components.

Movie Buddy | Keywords : React, RESTful API | https://usepopcorn-two-drab.vercel.app/

- A movie rating app using React, with dynamic UI components.
- Created custom hooks for state management and API calls.
- Integrated IMDB API for movie data retrieval, handling loading and errors.

Travel Mate | Keywords : React Native, Firebase, JavaScript

- A React Native app for travellers, including a Packing Checklist, an Expense Tracker, and an Image Uploader.
- Integrated Firebase to upload and store images, with commenting features, allowing users to log memories effectively.

BlogTalk | Keywords : Node.js, Express, SQLite, RESTful API

- Article management app built with Express and EJS, supporting both author and reader roles.

- Authors can create, edit, publish, and delete articles, while readers can view, comment on, and like articles.
- Use SQLite to manage articles and comments, with integrated error handling.

Bettys Books | Keywords: Node.js, Express, MySQL, EJS, RESTful API

- An online book management platform supporting user registration, login, and book operations.
- Use Node.js and Express to build the backend, with RESTful APIs for front-end integration.
- Managed user and book data with MySQL, ensuring secure CRUD operations.
- Integrated OpenWeatherMap API for weather information, enhancing the user experience.

⚷ ADDITIONAL SKILLS

- Three years of experience in planning educational YouTube videos, with strong team communication and client liaison skills.
- Master's degree in Geomatics.