Luke Hide - Full-stack Developer

TypeScript, Next.js, React, MongoDB

📅 36 years

🪪 British national

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⌨ github.com/esoterik12

After five years working in educational technology, I have become captivated by the solutions of software engineering itself. I have spent the last two years building dynamic applications using **TypeScript, Next.js, and MongoDB** to provide solutions for my employer and for my personal use. I am passionate about programming, have strong problem-solving skills, a love for continuous learning, and a background in content and data management.

Tech Experience

§ April 2023 - Present | **Freelance Developer** - Devon, England & Remote

- Using Next.js and TypeScript, built an online rental store for E-Nite Party Services in Lausanne, Switzerland showing images, specifications, and pricing for over 100 different products and services.
- Created a concept for an in-house learning management system using Next.js and MongoDB, Classroom Reactor, as a proof of concept for BigByte Education in Taiwan.
- Built an application using Next.js and PostgreSQL, Reactive Games, for generating teaching material as a hobby project and resource for coworkers.
- Using NodeJS, Express and MongoDB, I created a flashcard application for personal study of Chinese.

§ September 2018 - October 2023 | **Learning Management System Administrator**

BigByte Education - Taipei, Taiwan

- Programmed an automated system for generating yearly student reports.
- Improved user experience by writing dynamic homepages in HTML summarizing weekly content.
- Created digital teaching material for distribution at six company branches, used by 65%+ of employees.
- Managed user accounts, permissions, and content updates with a focus on reliability and consistency.
- Administered the learning management system at a private educational institution with 500-700 users, focusing on data consistency and enhancing user experience.
- Provided daily technical support and training to all employees, students, and parents.
- Led a team of four members delivering a full curriculum update over three years.

Previous Experience

§ 2014 - 2018 | **Full-time Educator -** AGI Language Institute, Seoul, South Korea

§ 2012 - 2014 | **Full-time Educator -** ENI Language, Angyang, South Korea

§ 2010 - 2012 | **Full-time Educator -** Anuban Lop Buri, Lop Buri, Thailand

§ 2009 - 2010 | **French Language Survey Interviewer -** Link Institute, Lausanne, Switzerland

Education

§ Jan 2023 - Present

Chinese Language Student - ShuoHao Language Center, Taipei, Taiwan & Remote

§ 2006 - 2009

Bsc. Economics - University of East Anglia, Norwich, United Kingdom
- Quantitative Methods, Mathematics for Economists, Strategy and Risk, Corporate Finance

§ 2004 - 2006

International Baccalaureate Diploma - International School of Lausanne, Switzerland

Skills & Technical Proficiencies

- Web Technologies: JavaScript, TypeScript, HTML, React, Next.js
- Back-end & Databases: Node.js, Express, MongoDB, PostgreSQL
- Styling & Design: CSS, Tailwind, Material UI
- Versioning & Testing: Github, Jest, React Testing Library
- Engineering Concepts: Version Control, Test-Driven Development, RESTful APIs, UI / UX Principles
- Productivity & Design Tools: MS Office 365: Excel, Word, PowerPoint, Adobe Creative Suite: InDesign, Premiere Pro, After Effects

Languages

- English C2 - Mother tongue
- French C2 - Fluent
- Chinese B2 - Six years of study
- Spanish B2 - 11 years living in Spain

References

- **Debra Lin**
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