

Ian Luong

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, Python, SQL, Java

Frameworks & Tools: NextJS, React, Tailwind, Git, Figma, Vite, Playwright

EXPERIENCE

Software Engineer

Oct. 2023 – Present

TClarke

London, UK

- Collaborated on the development and maintenance of a suite of applications using React and React Native, enhancing user experience for thousands of on-site engineers across the UK.
- Directed the visual redesign of an existing app, driving the adoption of cutting-edge, industry-standard web development technologies and reducing user support emails by 30%.
- Optimised Flask APIs and managed the Azure SQL Database, enforcing data normalization standards and ensuring seamless integration and performance of applications.

Volunteer Multimedia Technician

Aug. 2022 – Present

The Great I Am Ministry

London, UK

- Managed audio-visual operations for 30+ church events and services, including lights and presentation software.
- Collaborated on multimedia presentations for weekly congregations of 20-30 people with the worship team and leading pastor.
- Optimised audio systems by conducting soundchecks and adjusting equipment settings.

Programming Tutor

Jan. 2017 – May. 2021

Spark4Kids

London, UK

- Led educational web and game development classes for groups of 10-20 students.
- Developed up to 30 hours of week-long coding challenges and lessons involving HTML, CSS, and JavaScript.
- Personalised lessons to match the abilities and objectives of 40+ students.

PROJECTS

Squad Goals | *TypeScript, NextJS, Supabase*

- Designed a NextJS web application for players to track gaming sessions and log player statistics with high level graph visualisation and social features, for a gaming community.
- Implemented user authentication using Clerk and third-party OAuth providers (Discord, Google, etc.).
- Integrated real-time stat updates and social updates using webhook listeners.

WhatDo.io | *JavaScript, Express, Node.js, React, MongoDB*

- Produced a full-stack personal finance app using Node.js serving a REST API with React as the frontend.
- Implemented user authentication using JSON Web Tokens.
- Designed a responsive layout for mobile devices, improving accessibility and user experience.

EDUCATION

King's College London

London, UK

Bachelor of Science in Computer Science (2:1)

Sep. 2017 – Jul. 2021

Goldsmiths, University of London

London, UK

Foundation Year in Computing

Sep. 2016 – May. 2017

St Angela's Ursuline School

London, UK

A Levels in Psychology, History & Computing

Jul. 2016

Kingsford Community School

London, UK

11 GCSEs A-C including English, Maths, Science & ICT

Sep. 2014