Joe Higgs

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LinkedIn: /joelloydhiggs | Portfolio: nonebula.github.io/react-portfolio/ | GitHub: /nonebula

Software Developer

Currently working as a Scala Developer at Mercator Digital, contributing to the development of scalable, high-performing digital services in an agile environment utilising the Play Framework. Previous experience includes completing a comprehensive frontend web development Bootcamp and the Codecademy Frontend Engineer Career Pathway, building skills in React, TypeScript, JavaScript, and foundational web development concepts. A background in teaching has honed strong communication, collaboration, and project management abilities, while leadership in Computing curricula has established a solid understanding of computer science principles.

Technical Skills

Scala, Play Framework, Kibana, Agile, Test-Driven Development, RESTful APIs, Automated Testing Solutions, MongoDB, React, TypeScript, Node.js, Tailwind CSS, AWS, JavaScript ES6+, Chakra UI, CSS, HTML, GitHub + Version Control, Figma, UX/UI, WordPress, SQL

Professional Experience

Mercator Digital | Scala, Play, MongoDB | mercatordigital.com (Current Role)

● **Summary:** Scala Developer at Mercator Digital, working in agile teams to design, develop, and maintain scalable digital services tailored to user needs. Focused on delivering high-quality solutions using Scala, Play Framework, RESTful APIs, and test-driven development. Collaborates with cross-functional teams to enhance user experiences and ensure robust, maintainable systems.

● **Role:** Software Developer

● **Tools:** Scala, Play Framework, MongoDB, TDD, RESTful APIs

LearnX3 | React, TypeScript, Next.js, MongoDB | learnx3.co.uk

● **Summary:** Frontend developer and consultant for an early-stage startup focused on improving English Language Learning opportunities for disadvantaged young people and adults in developing countries.

● **Role:** Frontend Developer/Education Consultant

● **Tools:** React, TypeScript, JavaScript, MongoDB, TDD, RESTful APIs, Next.js, OpenAI API

Laura Coster | Designed on WordPress | AskYourDietitian.com

● **Summary:** Freelance project involving a full WordPress migration from Cornerstone to Elementor, transforming a one-page website into a multi-page site launched in January 2024. Responsibilities included wireframe creation, implementing SEO and security best practices, and ongoing maintenance through regular updates and client check-ins.

● **Role:** WordPress Developer | **Contact for reference:** laura@askyourdietitian.com

● **Tools:** WordPress, Elementor, JavaScript, HTML, CSS.

Other Professional Experience

- Freelance Web Developer: Remote, UK — 2023 - 2024
- Year 3 Class Teacher, Shacklewell Primary School: London, UK — 2023 - 2024
- Year 1 Class Teacher, South Harringay School: London, UK — 2022-2023
- Computing Lead, South Harringay School: London, UK — 2021-2023
- Year 4 Class Teacher, South Harringay School: London, UK — 2020-2022
- Lead Early Years Practitioner, British Education Korea: Seoul, Republic of Korea — 2017-2019
- Lead Kindergarten Teacher, Maple Bear CCLI: Incheon, Republic of Korea — 2016-2017
- Teacher of English as a Foreign Language: Pathum Thani/Lampang, Thailand — 2014-2016

Key Achievements

My key achievements in my previous roles include:

- Utilising data and technology to enhance student outcomes.
- Collaborating with key stakeholders to raise pupil achievement (85%) and attendance (95%).
- Maintained meticulous records to ensure EHCP applications were approved 100% of the time.
- Record keeping also secured funding for early reader intervention programmes that still run to this day.
- Spearheading the development of a comprehensive Computing curriculum.
- Delivering termly training sessions and ongoing mentoring and support to colleagues to ensure high-quality computing teaching.
- Excelled in adopting Carol Dweck's 'Mindset' into classroom pedagogy to facilitate growth mindset among colleagues and pupils.

Education & Professional Development

Functional Programming in Scala Specialization Pathway - March 2025 – Present. CourseEra

Agile Software Development (Certificate) - September 2024. Linkedin Learning.

Learning REST APIs (Certificate) - September 2024. Linkedin Learning.

Scala Essential Training (Certificate) - September 2024. Linkedin Learning.

Mercator Academy Intensive Scala Training – July-August 2024. Mercator Academy.

Frontend Development Career Path (Certificate) - October 2023 - March 2024. CodeCademy.

EdX Front End Web Development Bootcamp (Certificate) - October 2023 - February 2024. EdX.

Early Career Teacher (ECT) Framework - 2021-2023. UCL.

Teach First Leadership Development Programme (PGCE) - 2021-2022. UCL.

MA - Education and International Development - 2017-2020. UCL.

BSc - Education - 2011-2014. University of Southampton.

British National Diploma (BND) Public Services - 2008-2010. South East Essex College.

12 GCSEs Grade A-C including English, Maths and Science - 2003-2008.