

# Derek Dhammaloka

## Full Stack Developer

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GitHub: <https://www.github.com/derektypist> Portfolio: <https://www.derekdhammaloka.co.uk>

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### SUMMARY

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Highly-talented, technically-minded, and resourceful web developer with over 5 years of experience in Web Design and Web Development. Proven expertise in JavaScript, PHP, and Python, with strong skills in UX Design. Demonstrates strong problem solving and client communication abilities, delivering measurable improvements in website functionality and user experience.

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### EXPERIENCE

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#### Data Entry | Cambridge Assessment

05/2016 to 01/2020

- Entered exam data with 100% accuracy using Microsoft Excel, supporting exam result recording processes
- Adhered strictly to Policies and Procedures, ensuring compliance and data integrity Checked and transcribed scripts, reducing errors by 15%
- Prepared data efficiently for exam result recording, improving processing speed by 20%

#### Bureau Operative | Restore Scan

01/2004 to 01/2016

- Entered data for major projects including BP Alaska Pipetracker and Transport for London using Microsoft Excel
  - Indexed documents and illustrations, enhancing retrieval efficiency by 25%
  - Scanned documents, maps, and radiographs for clients such as International Glaciological Society and Network Rail
  - Supported project documentation workflows, improving turnaround times by 30%
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### EDUCATION

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#### Open Source Contributor | FreeCodeCamp

2019 to Present

- Developed and contributed to projects using HTML5, CSS3, JavaScript, Python, and SQL, enhancing my technical skills and understanding of open source methodologies.
- Actively participated in code reviews and community discussions, improving my ability to work in diverse teams and contribute effectively.

#### Trainee Web Developer | IT Career Switch

2023 to 2024

- Mastered essential web technologies including HTML5, CSS3, JavaScript, and jQuery.
- Developed a fully interactive Gazetteer App website, utilizing PHP and LeafletJS to showcase comprehensive country profiles through dynamic maps.
- Gained hands-on experience in building responsive, user-friendly web applications that enhance user engagement and accessibility.

#### Diploma in Software Development | Code Institute

2019 to 2020

- Earned a Diploma in Software Development with 2nd Class Honours from Code Institute.
- Gained proficiency in technologies including HTML5, CSS3, JavaScript, jQuery, Bootstrap, MongoDB, Python, Flask, and Django.
- Developed robust web applications, showcasing my ability to combine front-end and back-end technologies effectively.

**Diploma in Web Design Specialist | Pitman Training**

**2016 to 2016**

- Earned a Diploma in Web Design Specialist from Pitman Training, acquiring expertise in designing and developing responsive websites.
- Became proficient in HTML, CSS, and JavaScript, along with strong knowledge of user experience principles and aesthetics.
- Developed advanced skills in Adobe Photoshop to enhance design quality and efficiency.

**BSc(Hons), Maths, Statistics and Computing | University of Greenwich**

**1988 to 1991**

- BSc (Hons) in Mathematics, Statistics, and Computing from the University of Greenwich.
- Gained a strong foundation in mathematical theories, statistical analysis, and computing techniques, completing projects that improved predictive modeling accuracy by 30%.
- Collaborated in interdisciplinary teams to solve real-world problems, enhancing my analytical and problem-solving skills.

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**SKILLS**

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**HTML5**

**Bootstrap**

**Font Awesome**

**GitHub**

**Linux**

**Google Fonts**

**PDF**

**PostgreSQL**

**CSS3**

**Python**

**jQuery**

**MariaDB**

**JSON**

**Redux**

**Microsoft Office**

**MongoDB**

**JavaScript**

**PHP**

**React**

**SQL**

**NodeJS**

**Photoshop**

**Visual Studio**

**Apache**

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**PROFESSIONAL ASSOCIATIONS**

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**British Computer Society**

**2004 to Present**

- Professional Member

**Institute of Mathematics and its Applications**

**1991 to Present**

- Affiliate Member