# School of Information Technology

Certificate to Master Level
Industry Relevant Programmes

The Diploma in Web Development + Design is a programme composed of theory and practice that covers the essential skills and fundamental knowledge required to work in the IT industry as a web developer.

**Diploma**
Level 5 • 120 credits

**Duration**
1 year

**Location**
Auckland*, Wellington

**Delivery**
On campus + online

**Next intakes**
February, May, July, October

* Auckland Central + Auckland Manukau

**Whitecliffe College**
EST. 1984
40 Years

whitecliffe.ac.nz  •  0800 800 300
admissions@whitecliffe.ac.nz

# Learn professional and practical skills in Web Development

## Diploma in Web Development + Design

**Graduates of this programme will be able to**

- Apply the fundamentals of information systems concepts and practice to prepare and present relevant web solutions
- Write code that adheres to coding and web standards to implement and customise a secure and accessible solution using frameworks, libraries and appropriate plug-in modules
- Apply HCI principles to design and implement accessible and responsive user interfaces (UI) which enhance user experience (UX) and functionality
- Create and execute a test plan consistent with industry standards to test functionality and usability of a web solution on multiple platforms to meet client requirements
- Implement, configure, and deploy a tested web solution, including creating accurate and clear documentation for both end users and technical staff, to meet client requirements
- Apply the fundamentals of IT technical support concepts and practice to securely manage hardware, software, and networking resources
- Apply the fundamental principles of software development, which includes mathematical and logical concepts, to plan, create, test and document simple working code
- Apply professional, legal, and ethical principles and practices in a socially responsible manner as an emerging IT professional
- Apply communication, collaboration, teamwork, documentation, and customer service skills to enhance effectiveness in an IT role
- Apply critical analysis and decision-making techniques to solve problems and provide relevant and timely IT outcomes.

### Further study options

Level 6   Diploma in Software Development
Level 7   Bachelor of Applied Information Technology

### Career opportunities

- Web Designer
- Web Developer
- Web Content Editor
- Front End Designer
- UX Designer