Full Stack Web Development Modules

HTML Fundamentals → CSS Fundamentals → User Centric Frontend Development → Mini project → Milestone project

JavaScript Fundamentals → Interactive Frontend Development → Mini project → Milestone project

Python Fundamentals → Practical Python → Mini project → Milestone project

Data Centric Development → Mini project → Milestone project

Fullstack frameworks → Mini project → Milestone project → Diploma in Software Development

Fundamentals Modules

HTML Fundamentals

CSS Fundamentals

JavaScript Fundamentals

Python Fundamentals

Languages:
HTML5

Tools:
repl.it

Languages:
CSS3

Tools:
repl.it

Languages:
JavaScript

Tools:
repl.it

Languages:
Python3

Tools:
repl.it

Advanced Modules

User Centric Frontend Development

Languages:
HTML5
CSS3 / Sass

Framework:
Bootstrap

Tools:
Git & GitHub
Cloud9 Editor
Debugging
Chrome
Developer tools
Command line
interface

Interactive Frontend Development

Languages:
HTML5
CSS3
JavaScript

Libraries:
jQuery
D3.js
Dc.js
crossfilter.js

Tools:
Jasmine
APIs

Techniques:
AJAX
Data
Visualisation
CURL
Test Driven
Development

Practical Python

Languages:
Python3

Tools:
Heroku
Jupyter

Framework:
Flask

Techniques:
Algorithms
HTTP
File IO
Test Driven
Development

Data Centric Development

Languages:
Python3
SQL

Tools:
Heroku
MongoDB

Techniques:
Deployment

Fullstack frameworks

Languages:
Python3

Tools:
Heroku
AWS
Travis
Stripe

Techniques:
MVC/MVT
approach
Templating
Custom
authentication
Payment
processing
Deployment
Continuous
Integration
(testing)