Online Web Development Course

SysBorg

Course Title:	**SysBorg Certified Web Developer (fast track online course)**
Course Instructor:	**M.Inzamam Malik**
Admission form link:	https://forms.gle/JpyvhtKpSgQsNELUA
WhatsApp group link:	https://chat.whatsapp.com/LG6oNg6zZniLjioP0GT8Hi
	feel free to ask if you have any questions
Course Duration:	**4 months online course**
Schedule:	**8pm to 10pm - Tuesday, Thursday and Saturday**
Starting from:	**After Eid** (~Saturday 7th of May 2022)
Fees:	Rs.1500 per month (total Rs.6000/-) you can pay via Easypaisa on 03022004480, please don't forget to take the screenshot of your payment
Prerequisites:	**No Prerequisites**

Course Overview:

In this course you will learn Full stack Web Development with MERN (learn more: https://www.mongodb.com/mern-stack) And how to create Scalable state of the art Web Applications. you will also learn how to deploy your web application on Cloud and continuous integration/deployment with cloud.
This course also includes Graded Quiz and Assignment

Certificate:

After successful completion of the course, students will be awarded with a World Standard Digitally Signed Certificates (that can be verified anytime on our portal through QR code printed on certificate).

Scope:

Web applications are highly in demand in international market, after successful completion of this course one can apply for Web Developer position in software house or work as freelancer on fiverr and upwork (how to do freelancing is not covered in this course)

Course Outline:

Making Web pages with HTML, CSS & Flexbox   **4 weeks**

- What are markups
- What is a markup language
- HTML Elements (Headings, paragraph, Image, lists, table, inputs)
- Making CV website and Host on cloud
- Styling html pages with CSS

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- Making responsive UI with flexbox
- Graded Assignment – Make your CV and host it on GitHub Pages

JavaScript programming fundamental (ES6)   **4 weeks**

- Variables   (Boolean, Number, String, Array, Objects)
- Math Operators   (+ - * / % -- ++)
- Conditional Statements   (If else, ternary operator, switch)
- Conditional operators   (=== !== < > <= >=)
- Logical operators   (&& || !)
- Loop Statements   (For loop, map)
- ES6 functions
- Graded Assignment

Writing JavaScript Servers with and Express.js/Node.js   **4 weeks**

- Introduction to Servers
- Express.js middleware
- Express.js GET, POST, PUT, DELETE
- Express.js Static file server
- Introduction to MongoDB Database
- MongoDB Schema and model
- MongoDB CRUD Operation
- Graded Assignment

React.js   **4 weeks**

- Introduction to react
- What is virtual DOM
- React Hooks   (useState, useEffect, formik)
- Weather app with React
- Todo Application with React
- Graded Assignment