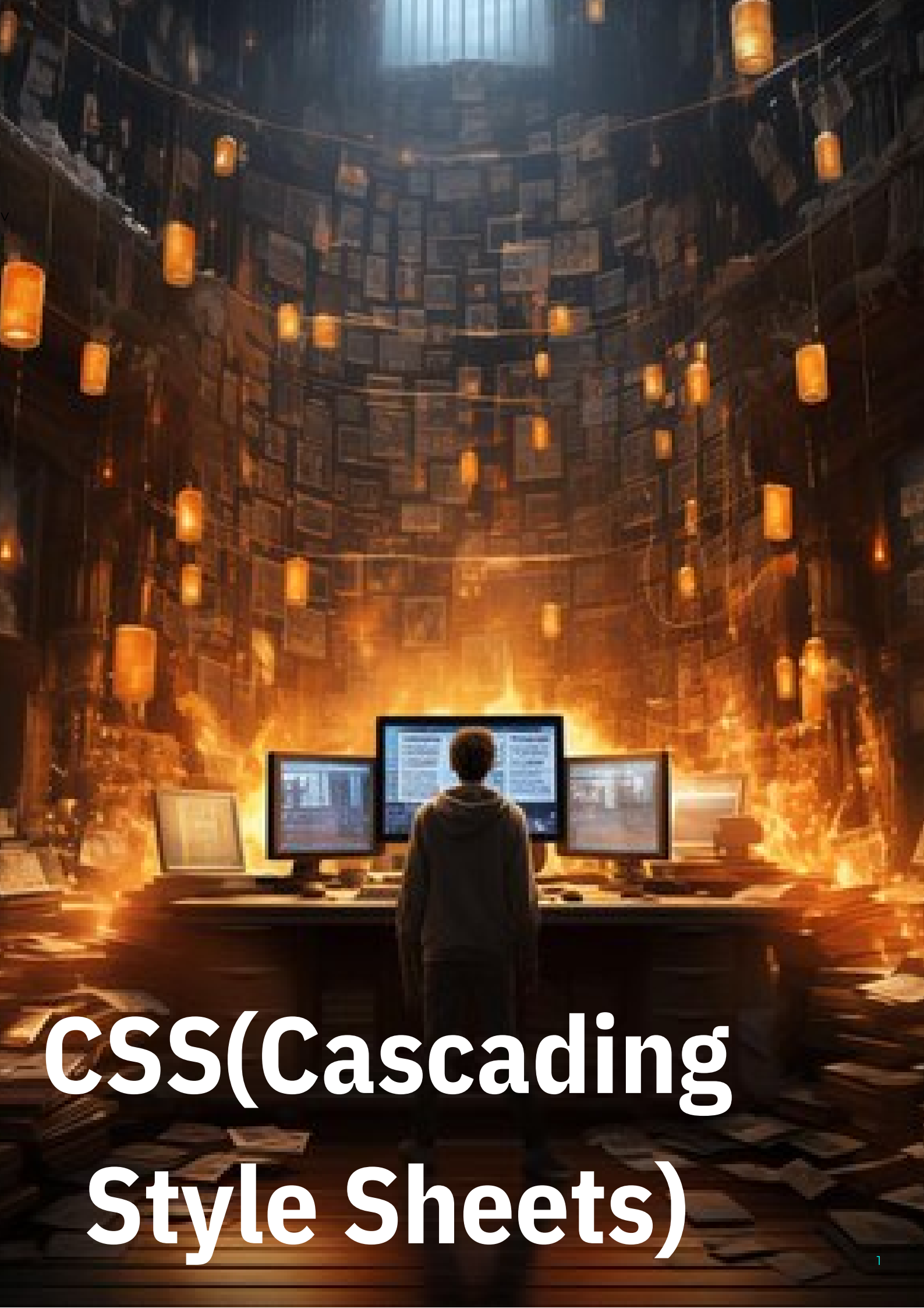
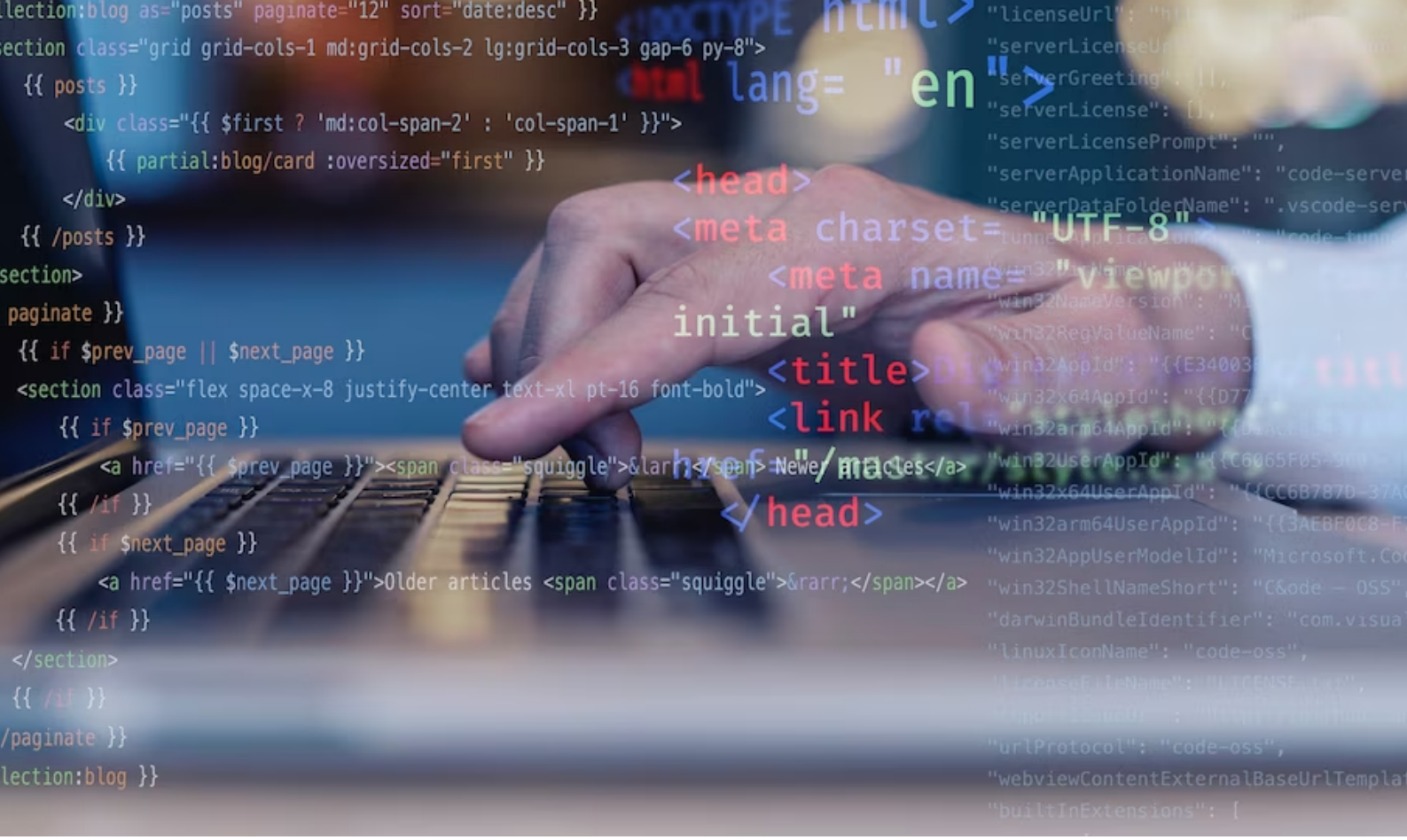


CSS(Cascading Style Sheets)



- Access to Interview Opportunities with Top Companies
- Industry-Relevant Curriculum Designed and Taught by Industry Experts
- Hands on Project and Industry Specific Tools
- Dedicated CareerSupport and Interview Preparation
- Post Graduate Certificatefrom Great Lakes Executive Learning

Choosing Core Java in the IT industry can be a strategic decision due to its foundational role in software development. Core Java provides a robust and versatile platform for building scalable and cross-platform applications. Its object-oriented nature promotes modular and reusable code, making it an ideal choice for developing large-scale enterprise systems. The vast Java ecosystem, along with a wealth of libraries and frameworks, empowers developers to create diverse applications, from web and mobile applications to backend services. Moreover, Java's portability and platform independence ensure that applications developed in Core Java can run seamlessly across different environments. As a widely adopted programming language, Core Java skills are in high demand in the IT industry, offering individuals a strong foundation for various roles such as software development, system architecture, and enterprise-level application design. Overall, choosing Core Java equips professionals with a versatile and in-demand skill set, making them valuable contributors to the dynamic and ever-evolving IT landscape.

The Program helps you do grow and bloom in Industry and developed by best-in-class industry experts.It offers a blend of online learning with live and recorded lectures along with access to dedicated career support and rewarding job opportunities.

LEARN ONLINE ANYTIME, ANYWHERE

Learn from live masterclasses by top industryleaders and online lab sessions every week, along with 100+ hours of learning content.

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Get assistance on projects and reinforce the concepts you learn through weekly mentorship sessions.

NETWORK WITH LIKE-MINDED PEERS

Interact with peers from diverse backgroundsand grow your professional network.

DEDICATED PROGRAM SUPPORT

Access dedicated support on your learning journey and resolve for all your queries withhelp from a dedicated Program Manager.

A fresh graduate or a working professional looking to up-skill andbuild a career.

LEARNING PLAN

CSS(Cascading Style Sheets)

1: Introduction to CSS

1.1.What is CSS?

1.1.1. Introduction to Cascading Style Sheets

1.1.2. The Role of CSS in Web Design

1.2.CSS Syntax and Rules

1.2.1. CSS Selectors and Properties

1.2.2. Inline vs. Internal vs. External CSS

2: CSS Basics and Selectors

2.1. Selectors

2.1.1. Type Selectors

2.1.2. Class and ID Selectors

2.2.CSS Properties

2.2.1. Color and Background

2.2.2. Fonts and Text Formatting

2.3.CSS Box Model

2.3.1. Margins, Padding, and Borders

2.3.2. Width and Height

3: CSS Layout and Positioning

3.1.Document Flow and Positioning

3.1.1. Normal Flow vs. Positioned Elements

3.1.2. Floating and Clearing Elements

3.2.Flexbox Layout

3.2.1. Flex Container and Items

3.2.2. Flexbox Properties

3.3.Grid Layout

3.3.1. Grid Container and Items

3.3.2. Grid Properties

4: Responsive Web Design with CSS

4.1.Media Queries

4.1.1. Defining Media Query Breakpoints

4.1.2. Responsive CSS Rules

4.2.Viewport Meta Tag

4.2.1. Controlling the Viewport

4.2.2. Mobile-First Design Principles

5: CSS Transitions and Animations

5.1.CSS Transitions

5.1.1. Transition Properties

5.1.2. Hover Effects and Animation

5.2.CSS Animation

5.2.1. Keyframes and Animation Properties

5.2.2. Animation Timing and Easing

6: Advanced CSS Topics

6.1. Pseudo-classes and Pseudo-elements

6.1.1. :hover, :active, :nth-child

6.1.2. ::before and ::after

6.2.CSS Variables (Custom Properties)

6.2.1. Defining and Using CSS Variables

6.2.2. Dynamic Theming with Variables

6.3.CSS Preprocessors (e.g., Sass)

6.3.1. Installing and Configuring Sass

6.3.2. Variables and Mixins in Sass

7: CSS Best Practices and Optimization

7.1Code Organization and Maintainability

7.1.1. File Structure and Naming Conventions

7.1.2. CSS Methodologies (e.g., BEM)

7.2.CSS Optimization

7.2.1. Minification and Compression

7.2.2. Reducing Repaints and Reflows

8: CSS Frameworks and Libraries

8.1.Bootstrap

8.1.1. Introduction to Bootstrap

8.1.2. Bootstrap Components and Grid System

8.2. Other CSS Frameworks

8.2.1. Foundation, Materialize, and Bulma

8.2.2. Pros and Cons of CSS Frameworks

9: CSS in Real-World Web Projects

9.1.Web Page Styling

9.1.1. Styling a Landing Page

9.1.2. Customizing a Blog Design

9.2.CSS for Web Applications

9.2.1. Styling Web Forms and Tables

9.2.2. CSS in Single-Page Applications (SPAs)

10: Final Project and Course Review

10.1.Project Proposal and Planning

10.1.1. Designing a Web Project

10.1.2. Implementing Responsive Design

10.2. Implementation and Presentation

10.2.1. Building the Web Project

10.2.2. Final Project Presentation

READY TO ADVANCE YOUR CAREER?

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