Sushant University

Key Indicator – 1.3 Curriculum Enrichment (50)

1.3.3 Percentage of Programmes that have components of field projects / research projects / internships during last five years
(5)

Criterion 1 – Curricular Aspects (150)

Sushant University

Evaluated project report/field work report submitted by the students

APPENDIX- IV

SCHOOLWISE SAMPLE

SET

ReciQuick: A Recipe Website

Internship Seminar Report submitted in the partial
fulfillment of the requirements for the degree of

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE

By

Yash

210BTCSEPF007

Meta

∞ Meta

SCHOOL OF ENGINEERING AND TECHNOLOGY

|Sushant
University

(2021-2025)

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Certificate duly signed from Course Company

Meta

Nov 11 2023

Yash Yadav

has successfully completed

Introduction to Front-End Development

an online non-credit course authorized by Meta and offered through Coursera

Meta

coursera

EDUCATION FOR EVERYONE
COURSE CERTIFICATE

Verify at
https://coursera.org/verify/3SA4272MV3Xk
Coursera has confirmed the identity of this individual and their
participation in the course.

ACKNOWLEDGMENTS

I extend my heartfelt gratitude to Coursera and Meta for offering an exceptional Frontend Web Development course that has been instrumental in shaping my skills and knowledge in the dynamic field of web development. This learning journey has been immensely rewarding, and I am truly appreciative of the comprehensive curriculum that Meta has provided.

I would like to express my sincere thanks to my mentors, whose unwavering support and encouragement have been the driving force behind my success in this course. Their guidance, constructive feedback, and valuable insights have been invaluable throughout my learning experience.

A special note of appreciation goes to the dedicated course instructors who have not only imparted their extensive knowledge but have also made the seminar sessions incredibly insightful and engaging. Their passion for teaching and commitment to student success have left a lasting impact on my understanding of frontend development.

In this journey of acquiring new skills and knowledge, I am grateful for the collaborative and supportive community fostered by Meta. The interactions with fellow learners have enriched my learning experience, and I am thankful for the opportunity to be a part of such a vibrant and inspiring community.

Thank you.
Sincerely,

Yash
210BTCSEPF007

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COURSE REPORT APPROVAL

Welcome to Introduction to Front-End Development

Introduction to Front-End Development
to me

Wed, Oct 16, 10:57 PM

Hi Yash Yadav

Welcome to Introduction to Web Development! This course will get
you started with the basic knowledge and skills required to become a
web developer. You will learn about the day-to-day responsibilities of
web developers and get a general understanding of the core and
underlying technologies that power the internet. You'll be introduced
to core technologies like HTML and CSS, and get opportunities to
practice using them with exercises and tailored labs.

You will also discover the unique world of front-end web
development and build your very first web page using HTML and
CSS. You'll discover the power and versatility of React, a JavaScript
library developed by Meta engineers. By the end of this course you
will be able to demonstrate your knowledge and skills in web
development by editing a biographical page that you will create
using the Bootstrap framework.

Start learning

coursera

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DECLARATION

I declare that this report represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission.

Signature of the student ....

Name of Student ....Yash..............

Date ...28./.11./.23.......

ABSTRACT

This report encapsulates the comprehensive learning journey undertaken during the "Introduction to Front-End Development" course with Meta on Coursera. The course, which covered fundamental concepts of HTML, CSS, and JavaScript, provided a solid foundation for practical application in web development. Delving into web accessibility, responsive design, and user experience optimization, the report highlights the acquired skills. The practical implementation of these skills in crafting a dynamic and responsive website showcases proficiency in creating user-friendly interfaces. Concluding the course, it is evident that the gained Frontend Web Development skills are versatile and applicable across various industries. The report concludes with suggestions for further study, emphasizing the exploration of advanced frontend frameworks and staying updated on evolving web technologies for continuous professional growth.

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1. INTRODUCTION

1.1 Overview:

The Frontend Web Development course on Coursera provided a comprehensive exploration of web development principles.

1.2 Objective/Learning:

The primary objective was to acquire practical skills in frontend development, and the learning outcomes were geared towards mastering key web technologies.

Create a responsive website using HTML to structure content, CSS to handle visual style, and JavaScript to develop interactive experiences.

Learn Bootstrap CSS Framework to create webpages and work with GitHub repositories and version control.

Prepare for a coding interview, learn best approaches to problem-solving, and build portfolio-ready projects you can share during job interviews.

2. ABOUT ORGANIZATION

Meta (formerly Facebook)

Meta is a technology company formerly known as Facebook, Inc. Meta focuses on developing and providing various social media platforms, virtual reality (VR), augmented reality (AR), and other technology-related products and services. The company is known for its flagship products, including Facebook, Instagram, WhatsApp, and Oculus.

The Frontend Web Development course on Coursera was complemented by an enriching learning experience with Meta.

Meta, a prominent tech organization, provided a dynamic environment for applying theoretical knowledge to real-world scenarios. This unique opportunity facilitated a deeper understanding of how frontend development aligns with the broader goals and projects at Meta.

3. WORK DONE

- Course Completion:
- Successfully completed all modules, quizzes, and graded assessments, earning a commendable grade of 95.75%.

- Foundational Understanding:
- Gained a comprehensive understanding of the roles and responsibilities of web developers, distinguishing between front-end, back-end, and full-stack developers.

- Technological Proficiency:
- Acquired proficiency in core web technologies such as HTML, CSS, and JavaScript, laying the groundwork for future development tasks.

- Conceptual Knowledge:
- Explored the fundamental concepts underlying how data moves through the internet, including the roles of web servers, web browsers, and web hosting.

- Capstone Project Familiarization:
- Explored the capstone project, including a demo of the "Little Lemon" website, enhancing practical application skills.

- Interactive Learning:
- Engaged in discussions, including a "Meet and Greet" session, fostering a collaborative online learning environment.

- Knowledge Checks and Practice:
- Successfully completed knowledge checks and practice quizzes on topics like internet protocols, HTTP, and core internet technologies.

- Developer Tools Exploration:
- Explored developer tools, gaining hands-on experience in examining and editing web pages using browser developer tools.

- Frameworks and Libraries:
- Delved into the concepts of frameworks and libraries, understanding their role in web development.

- IDE Setup:
 - Set up a local development environment using Visual Studio Code, a crucial step in preparing for practical coding tasks.

- APIs and Services Understanding:
 - Explored the importance of APIs and services in web development, broadening the scope of practical applications.

- Summary and Module Quiz:
 - Concluded the module with a clear understanding of core internet technologies and successfully completed the module quiz.

4. Results/Implementation/Applications

4.1. Discussion on Learning:

During the "Introduction to Front-End Development" course with Meta on Coursera, I delved into the intricacies of web accessibility. Emphasizing the importance of an inclusive digital experience, I explored techniques for optimizing user interfaces through responsive design and interactive elements. This learning not only enhanced my understanding of user-centric design principles but also underscored the significance of creating web content accessible to diverse audiences.

4.2. Implementation/Application Areas:

Applying the acquired skills from the course, I developed a dynamic and responsive website, demonstrating proficiency in crafting user-friendly interfaces. This practical application allowed me to showcase my understanding of HTML, CSS, and JavaScript in a real-world context. The website's responsiveness highlighted my ability to create engaging user experiences across various devices, reflecting the practical application of the theoretical knowledge gained throughout the course.

5. Conclusions

The "Introduction to Front-End Development" course with Meta on Coursera, it's evident that the acquired Frontend Web Development skills hold practical relevance across various industries. The comprehensive understanding of HTML, CSS, and JavaScript, coupled with insights into web accessibility and responsive design, positions me well to contribute effectively to diverse projects requiring user-centric development.

To foster continuous professional growth, I propose exploring advanced frontend frameworks. This could involve delving deeper into frameworks like React or Vue.js, gaining expertise in building complex and scalable user interfaces. Additionally, staying updated on evolving web technologies through continuous learning and engagement with industry trends will be pivotal. This proactive approach ensures a sustained ability to meet the ever-changing demands of the dynamic field of web development.