
CAPSTONE PROJECT

INTERACTIVE DIGITAL PORTFOLIO

Presented By:

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OUTLINE

- **Problem Statement** (Should not include solution)
- **System Development Approach** (Technology Used)
- **Algorithm & Deployment** (Step by Step Procedure)
- **Result**
- **Conclusion**
- **Future Scope(Optional)**
- **References**

PROBLEM STATEMENT

- **The Resume Rut:** Traditional resumes are static and text-heavy, failing to capture the dynamic and visual nature of a developer's work.
- **Passive Engagement:** They offer a passive experience, making it difficult for recruiters and potential employers to visualize skills and project outcomes effectively.
- **The Engagement Gap:** There's a pressing need for a platform that allows developers to move beyond a simple list of qualifications and showcase their abilities in a visually compelling and interactive manner.

SYSTEM APPROACH

•Frontend Technologies:

- HTML5:** Utilized to build the foundational structure and semantic layout of the portfolio sections (e.g., About, Skills, Projects, Contact)
- CSS3:** Employed for styling the portfolio with a modern aesthetic, implementing responsive layouts using Flexbox/Grid, and creating fluid animations and transitions.
- JavaScript:** The engine behind the portfolio's interactivity, powering features like smooth-scrolling navigation, dynamic project displays, and event-driven animations.

•Design Approach:

- Narrative-Driven Design:** The interface is crafted to be intuitive and engaging, guiding visitors seamlessly through your professional story.
- Mobile-First Responsiveness:** Designed from the ground up to ensure the portfolio looks and functions flawlessly across all devices, from desktops to smartphones.
- Modular separation of **HTML**, **CSS**, and **JS** files

ALGORITHM & DEPLOYMENT

- Blueprint & Structure (HTML):**

- Defined the core sections: a captivating hero area, "About Me," "Skills," "Projects," and a "Contact" form.
- Structured each section using semantic HTML5 tags for optimal clarity and accessibility.

- Visual Design & Styling (CSS):**Developed a cohesive design theme with a defined color palette and typography.

- Styled all components and implemented responsive design using media queries to ensure cross-device compatibility.

- Bringing it to Life (JavaScript):**Implemented smooth-scrolling navigation to link the navigation bar to corresponding sections.

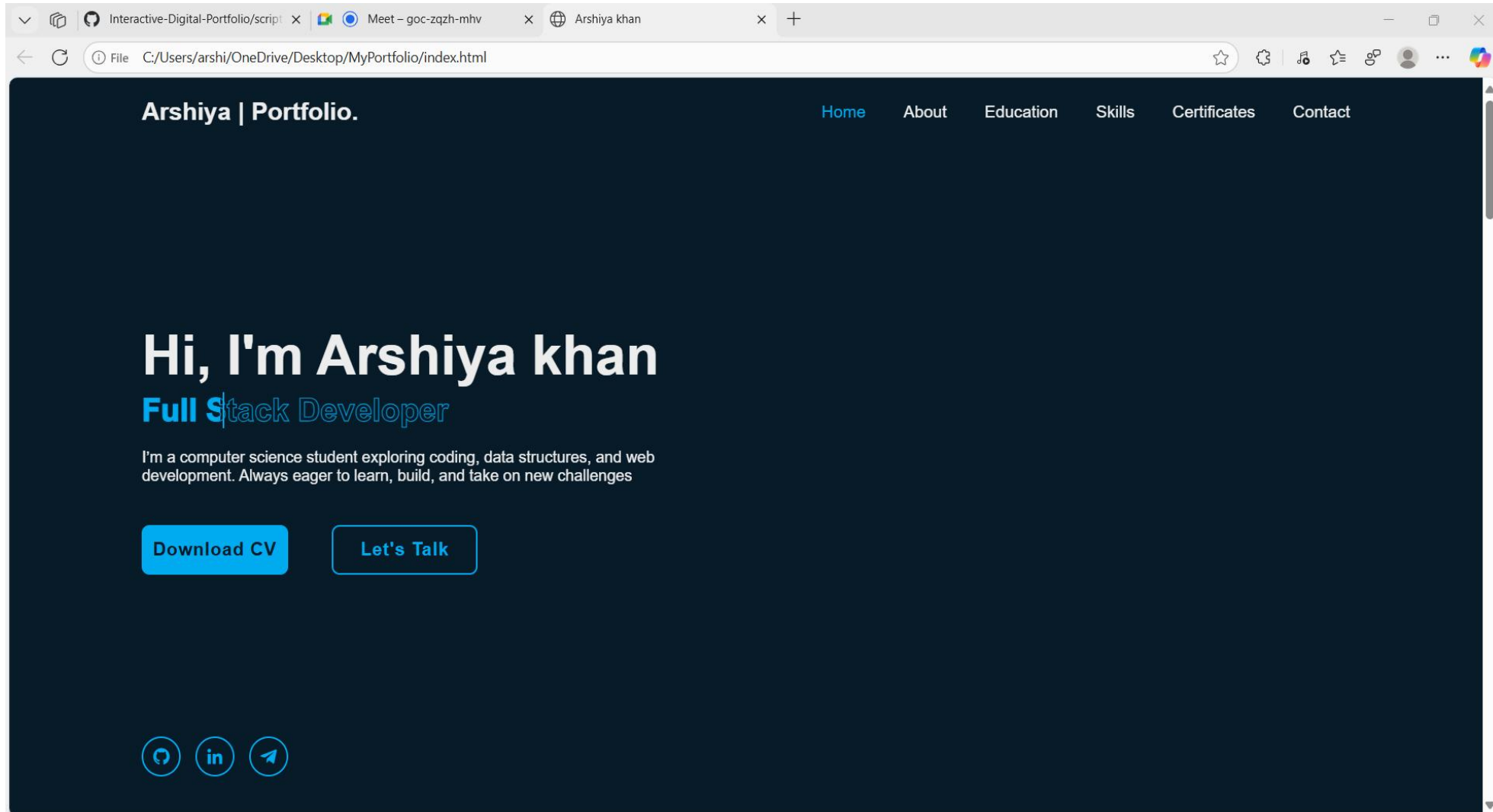
- Developed scripts for interactive elements like modal pop-ups for project details or animated skill bars.

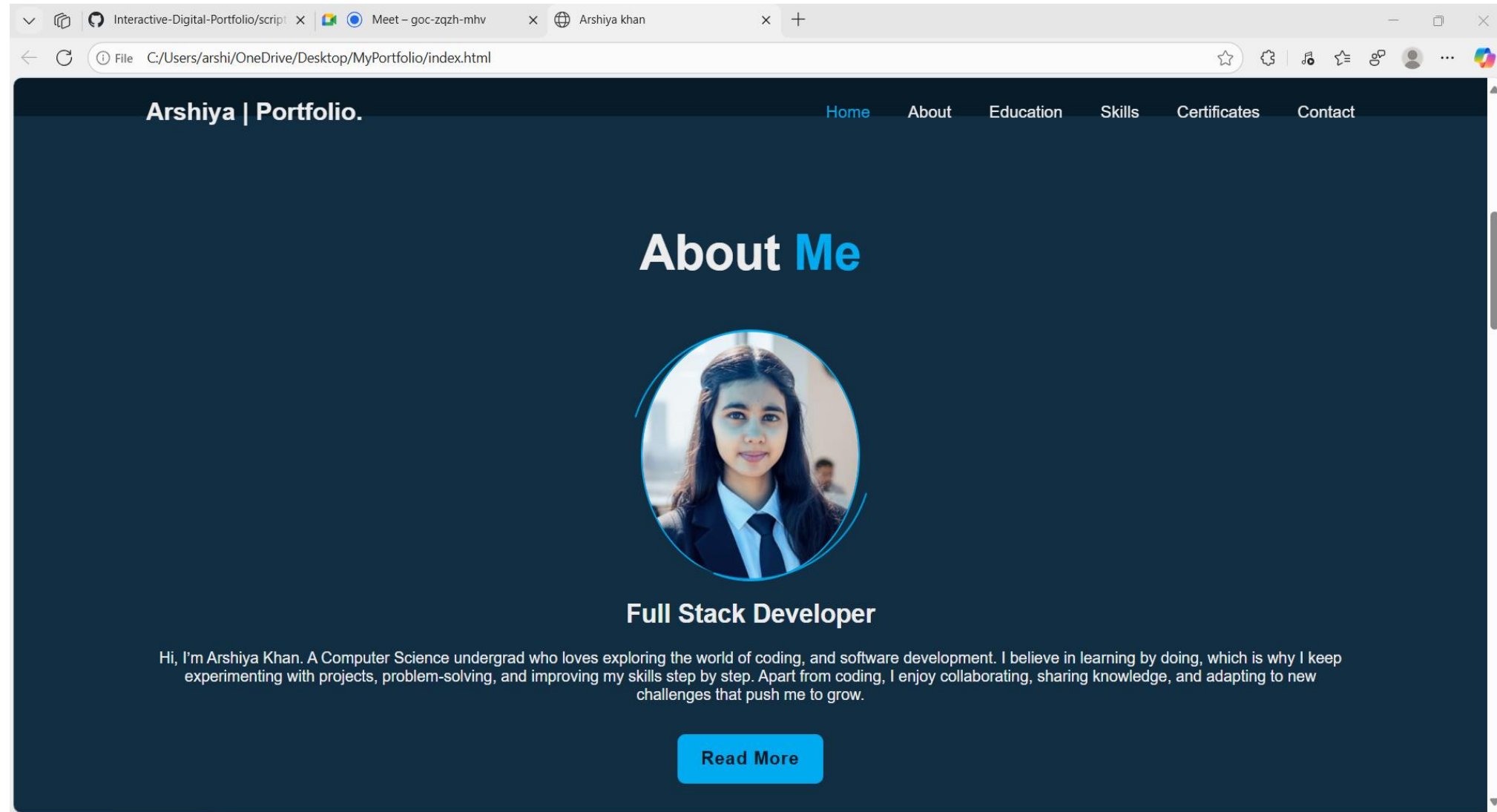
- Quality Assurance & Testing:** Conducted rigorous cross-browser testing (Chrome, Firefox, Edge) to guarantee a consistent appearance.

- Verified responsiveness on various screen sizes, from small mobile phones to large desktop monitors.

- Deployment to the Web:**The project was deployed using GitHub Pages, providing a free, reliable, and easy-to-manage hosting solution directly from the code repository.

RESULT





Interactive-Digital-Portfolio/script x

Meet – goc-zqzh-mhv x

Arshiya khan x

+

File C:/Users/arshi/OneDrive/Desktop/MyPortfolio/index.html

☆ ⚙ 🎵 ⭐ 👤 ...

Arshiya | Portfolio.

Home About Education Skills Certificates Contact

My Journey

Education

📅 2022-2026

Bachelor of Technology-RGPV University
Shri Ram Institute of Technology Jabalpur (M.P) India

📅 2021-2022

Madhya Pradesh Board of Secondry Education
St.Norbert's Girls Higher Secondary School Jabalpur

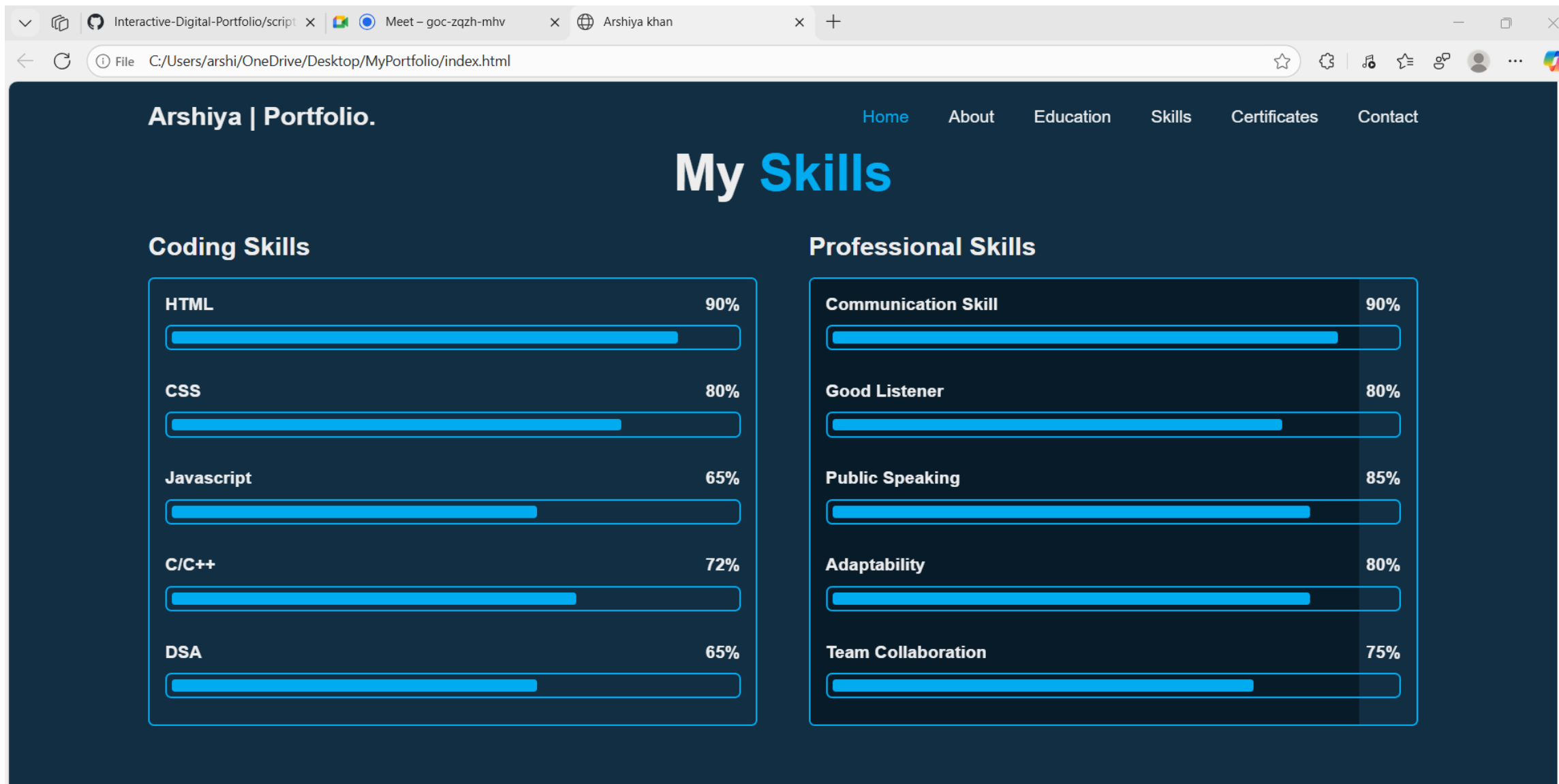
Project

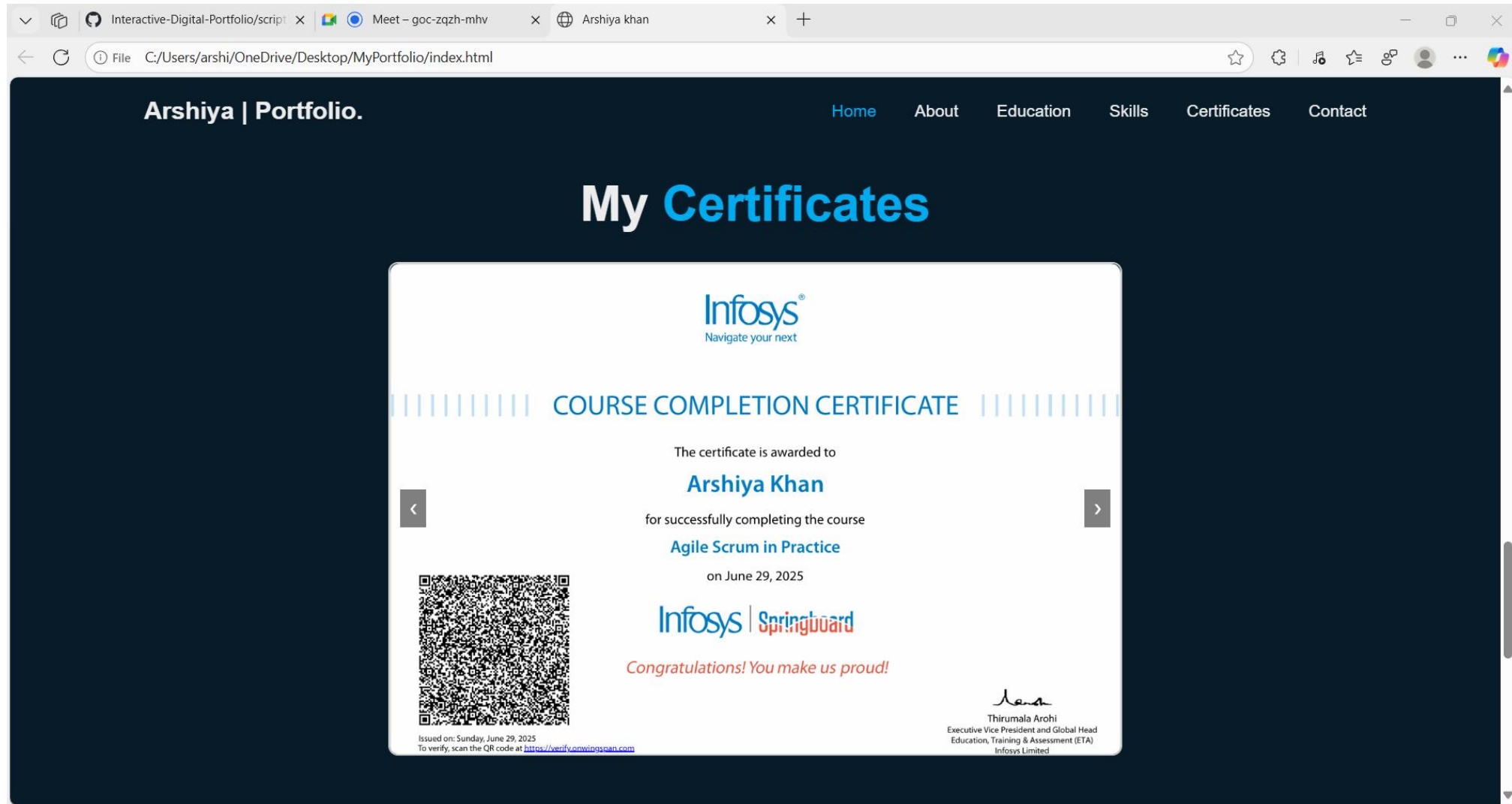
📅 Oct-2024

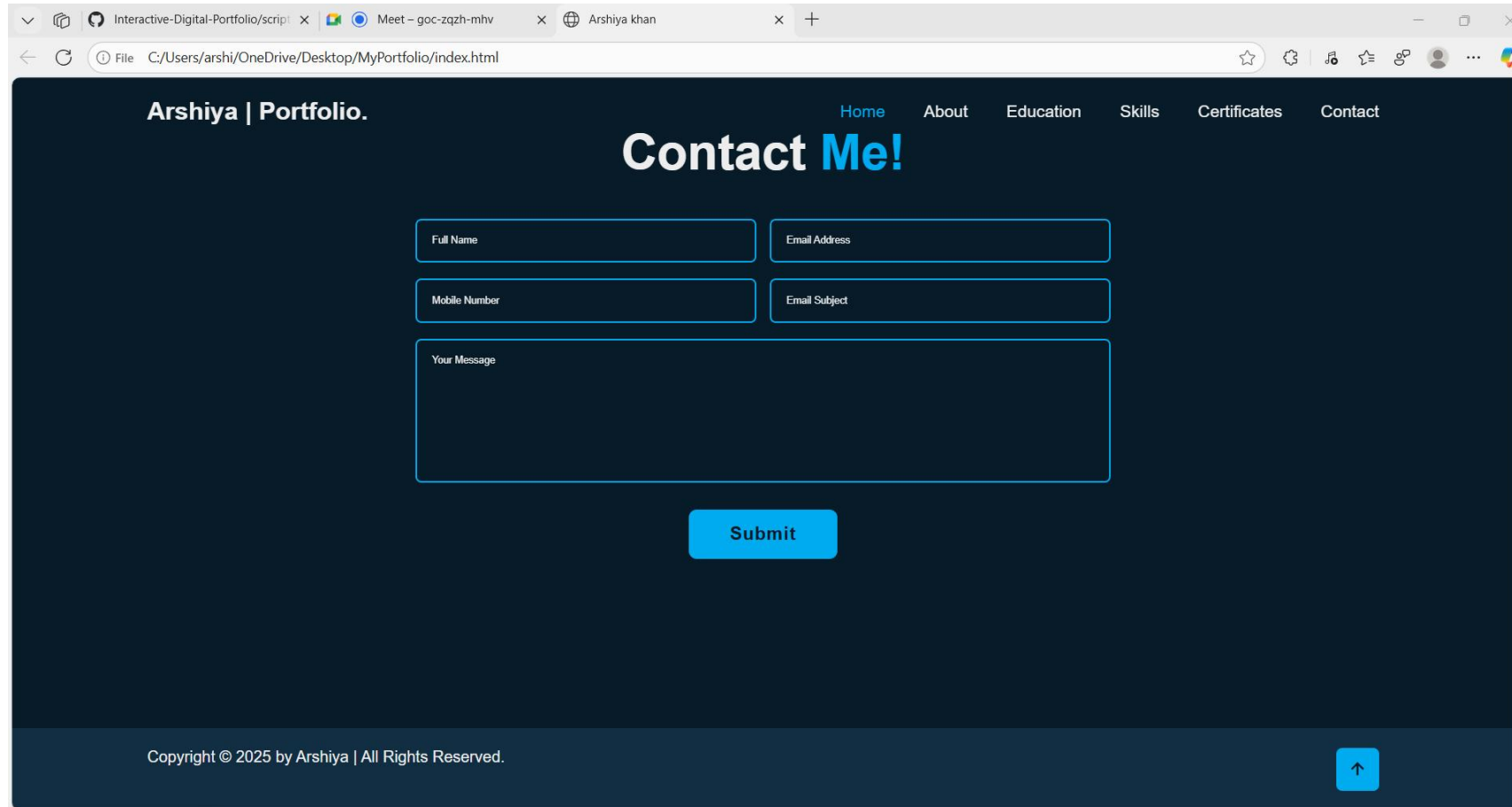
Diabete's Predictor
It aims to develop a diabetes predictor that utilizes patient's data (such as age, BMI, etc.) to accurately classify patient's as diabetic or non-diabetic.
Technologies used : Python, Machine Learning

📅 Sep-2025

Portfolio
Technologies used : HTML5, CSS3, JavaScript







- Live portfolio:
- <https://arshiyakhan1613.github.io/Interactive-Digital-Portfolio/>

CONCLUSION

- This project successfully transforms the traditional resume into a dynamic and visually impressive digital experience.
- It provides a powerful platform for developers to effectively showcase their technical skills and creative projects in a single, accessible online location.
- The portfolio enhances engagement for recruiters and potential clients, offering an interactive and memorable presentation that sets a developer apart.

REFERENCES

- Technical guidance and mentorship provided by the experts at **Edunet Foundation** played a vital role in shaping the project.
- Educational resources and learning modules from **IBM SkillsBuild** were extensively utilized throughout the project for conceptual understanding and practical implementation.
- **GITHUB & REPOSITORY LINK :**
- <https://arshiyakhan1613.github.io/Interactive-Digital-Portfolio/>
- <https://github.com/arshiyakhan1613/Interactive-Digital-Portfolio>
- <https://github.com/arshiyakhan1613>

THANK YOU

- I, **Arshiya Khan**, would like to express my heartfelt gratitude for this incredible opportunity. I am truly thankful for the valuable guidance, support, and enriching learning experience that this journey has offered.