YouthJobConnect – Full Front-End Project Report

# 1. Project Title

YouthJobConnect – A Local Job Board for Young Job Seekers

# 2. Project Overview

YouthJobConnect is a responsive, front-end web application designed to provide local job opportunities for the youth in Ngoma District, Rwanda. The platform is aimed at connecting employers and job seekers, particularly students and graduates, with internship, part-time, or entry-level work.

# 3. Objectives

- Build an easy-to-navigate website for job seekers

- Allow employers to post job opportunities

- Allow youth to search, filter, and apply for jobs

- Include educational content like videos and job tips

- Ensure the site is scalable and accessible on all devices

# 4. Tools & Technologies Used

- HTML5 and CSS3: for structure and styling

- Custom CSS instead of Bootstrap for most design (used Bootstrap only for validation)

- JavaScript (minimal interactivity)

- Adobe XD: to create wireframes and clickable prototypes

- GitHub: for version control and code collaboration

- Google Fonts: for clean, readable typography

- YouTube Embed: for video tutorials on job application

# 5. Website Pages and Features

- \*\*Home Page\*\*: Introduction to the platform and navigation

- \*\*Jobs Page\*\*: Lists job opportunities with details and images

- \*\*Post a Job Page\*\*: Allows organizations to post vacancies

- \*\*Apply Page\*\*: Allows users to upload CV and fill in application forms

- \*\*About Page\*\*: Information about the platform’s mission

- \*\*Contact Page\*\*: A form for contacting administrators

- \*\*Video Section\*\*: Embedded YouTube videos offering job search tips

# 6. Wireframing and Prototyping

Adobe XD was used to design a complete prototype with all pages linked. This clickable prototype helps visualize the user flow, layout, and mobile responsiveness before development. Each screen includes top navigation, consistent colors, and layout similar to the final implementation.

# 7. Data Handling and Validation

- Forms validate user input (e.g., name, email, CV upload)

- Bootstrap was used for client-side validation feedback only

- Upload field allows users to submit their CV (simulated on front-end only)

# 8. User Interface Design

The layout was built using a card-based system and grid layouts to ensure readability and alignment. All sections use accessible color contrasts and mobile-first principles. The CSS styles were custom-built to simulate Bootstrap’s visual consistency without relying on the entire framework.

# 9. Scalability and Future Features

YouthJobConnect can be expanded to include:

- Admin login system

- SMS and email job alerts

- Search filters and saved applications

- Real-time job updates using backend/database integration

- Social media API integration (e.g., Twitter job feeds)

# 10. Limitations

- No backend or database implemented (front-end only)

- No real-time form processing

- Limited filtering/search features (planned for future phase)

# 11. Conclusion

YouthJobConnect is a clean, functional front-end project that can serve as a prototype for a full youth employment platform. It provides a solid foundation for future development and was built to demonstrate UI/UX design, semantic HTML, and modern CSS principles, with Bootstrap reserved for specific functionality like form validation.