# A REPORT

# ON

# PORTFOLIO BUILDER FOR DEVELOPERS

# BY


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**Prepared in the partial fulfillment of the**

**Summer Internship Course**

**AT**

## Trinwo Solutions Private Limited (Visakhapatnam, Andhra Pradesh)

SRM UNIVERSITY, NEERUKONDA,

MANGALAGIRI MANDAL,

ANDHRA PRADESH-522240


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# Acknowledgements

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I would like to extend my heartfelt thanks to my **Industry Mentor** for their invaluable support and guidance throughout the internship.

I am deeply grateful to my **Faculty Mentor [Dr.Dinesh reddy vemula]**, for consistently supporting me with insights, feedback, and motivation during the project.

I would also like to thank all others who directly or indirectly contributed to the successful completion of my internship and this project report.

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# Abstract

The project titled **"Portfolio Maker with Resume Analyzer"** is designed to simplify and automate the creation of digital portfolios using resume parsing. The system begins with a login/signup interface, leading to a main dashboard with options to create and preview portfolios.

A major feature includes resume analysis, where uploading a PDF resume results in automatic extraction of user details such as name, email, phone number, social media links, address, bio, and experience. This eliminates manual data entry and ensures accuracy.

Users can also upload a profile photo and choose from five pre-designed portfolio templates. Once a template is selected, the extracted and entered information is applied to generate a professional and personalized portfolio website.

The system uses modern web development frameworks and emphasizes user experience, automation, and design aesthetics, offering a practical solution for students and professionals to present their credentials online.

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# Brief Introduction to the Business Sector

The project falls under the Digital Resume and Portfolio Development sector, a rapidly growing niche within the broader EdTech and Career-Tech industry.

With the shift toward online job applications and personal branding, digital portfolios have become essential tools for students and professionals to present their skills and experience interactively. Resume analyzers and auto-generating web portfolios cater to these demands by combining automation with design.

This sector is highly relevant in India and globally due to the increasing competition in job markets, the rise of freelancing, and a focus on personal branding. Technologies like AI, NLP, and modern web development play a key role in advancing this space.

# Overview of the Organization

- **Name of the Company**: Trinwo Solutions Private Limited (Visakhapatnam, Andhra Pradesh)
- **Brief History**: Trinwo Solutions Pvt Ltd was incorporated on 12 September 2020 and is headquartered in Innovation Valley, IT SEZ, Rushikonda, Madhurawada, Visakhapatnam . Since its founding, the company has focused on providing custom software solutions, mobile and web application development, business automation, and digital marketing services to clients across industries.
- **Business Size**:Trinwo Solutions is classified as a small-scale private limited company with between 2 to 10 employees**.** Its authorized and paid-up share capital is ₹100,000, as per the latest MCA records, and it remains privately held and unlisted.
- **Product Lines**: Trinwo Solutions offers a diverse range of services, including:
  Custom Software Development (web and desktop applications)
  Mobile App Development (Android & iOS)
  Software Consultancy & Business Automation to optimize client workflows
  Web Application Development for startups and enterprises
  Product Management and Automation Solutions
  Digital Marketing and Social Media Management
  Graphic Design and UI/UX Design Services
- **Competitors**:Competitors include other local and regional IT firms and startups offering similar services in Visakhapatnam and Andhra Pradesh. Notable examples include Fluentgrid, which specializes in large-scale utility software in Visakhapatnam, as well as other small IT consultancies and web development studios operating in the same area
- **Departments Overview**: During my internship, I primarily worked within the Software Development and Web Development departments. I also interacted with colleagues in the Digital Marketing and Graphic/UI-UX Design teams, gaining insight into workflow handoffs between coding, design, and marketing.

- In the Development team, tasks included planning and writing code, integrating front-end and back-end components, and collaborating on automated resume parsing modules.
- In the Marketing/Consultancy team, I observed how client needs are translated into technical requirements.
- In the UI/UX **and design** department, I saw how portfolio templates and user interfaces are crafted before implementation.
- These interdepartmental experiences helped me understand project life cycles and collaboration between multiple functions within Trinwo.

# Plan of Your Internship Program

- **Internship Department**: Web Development & Automation
- **Start Date**: 01-06-2025
- **End Date**: 31-07-2025
- **Departments Visited**:
    1. Web Development
    2. UI/UX Design
    3. Resume Parsing/Automation Module Team
- **Duties and Responsibilities:**
    1. Participated in the development of a **full-stack web application** for digital portfolio creation.
    2. **Integrated a resume parsing module** that extracts information from uploaded PDF resumes using automation techniques.
    3. Designed and developed the **front-end user interface**, including login/signup, dashboard, and dynamic forms.
    4. Implemented real-time form data binding to **five pre-built portfolio templates**, allowing users to preview their personalized portfolio.
    5. Enabled **secure user authentication** through custom login and registration workflows.
    6. Assisted in connecting front-end forms with back-end logic to enable a smooth, interactive experience.
    7. Worked collaboratively with the UI/UX and backend teams to ensure seamless integration and responsive design.
    8. Gained exposure to version control tools like Git, and learned practical deployment techniques.

# Introduction

This report presents the summer internship project **“Portfolio Maker For Developers”**, developed as a practical solution for users to quickly create personalized digital portfolios.

With the increasing importance of having an online professional presence, the objective was to automate portfolio creation using resume extraction and templating. The project bridges the gap between static resumes and modern web-based portfolios.

The motivation behind this project stems from the time-consuming and technical nature of creating a digital portfolio manually. By introducing resume parsing, we aimed to simplify this process and make it accessible to everyone.

This report discusses the planning, design, and implementation of the system and highlights its real-world utility.

# Main Text

This section presents the work completed during the internship, including the design process, technologies used, algorithmic approach for resume analysis, and results achieved in the form of a working web application. The project was structured around modular components and developed iteratively, with constant feedback from mentors and test users.

The following sub-sections describe the system workflow, implementation technologies, functional modules, and final output.

## 5.1 Project Flow:

- User authentication (signup & login)
- Dashboard with create and preview options
- Resume upload and parsing
- Auto-fill of form fields
- Profile picture upload
- Selection of portfolio templates
- Final rendering of digital portfolio
- Publish the portfolio(Link)

## 5.2 Technologies Used:

- **Frontend**: HTML, CSS, JavaScript.
- **Backend**: Node.Js,Express.Js
- **Libraries**: PyPDF2 / PDFMiner for resume parsing, Bootstrap for UI design
- **Database**: MongoDB / MySQL.

## 5.3 Resume Analysis Module:

- Resume (PDF) is uploaded
- Extracts details like name, phone, email, skills, experience
- Uses keyword matching or pattern recognition
- Populates the form automatically

### 5.4 Portfolio Generation:

- Five pre-designed templates
- Dynamic content injection into HTML
- Responsive, mobile-friendly design
- Final preview and /share option.

# Outcomes

- Implemented automated resume parsing for digital portfolio creation
- Reduced time and effort for portfolio building
- Developed 5 unique, responsive portfolio templates
- Created a seamless user flow from login to final output
- Learned integration of frontend-backend components
- Understood real-time data extraction from documents

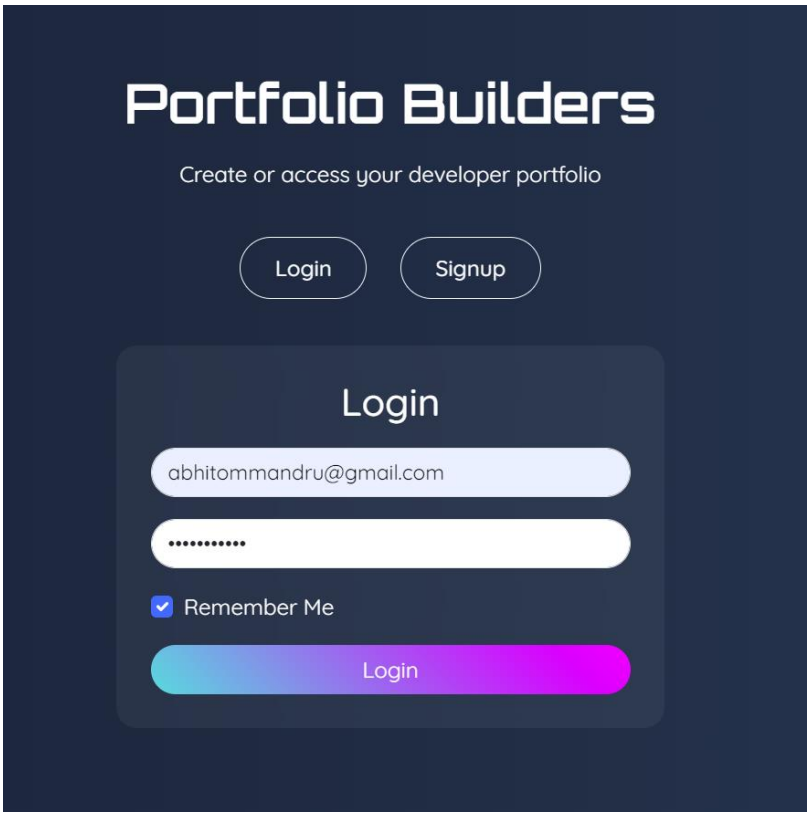
# Conclusion and Recommendations

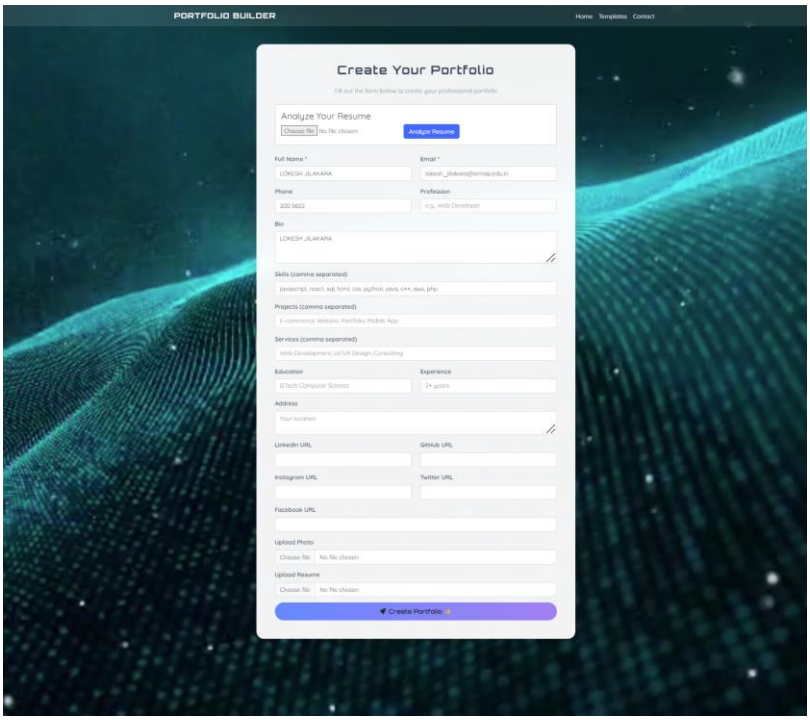
This project successfully demonstrates how resume parsing and portfolio generation can be automated to provide a user-friendly, accessible platform for professionals and students.

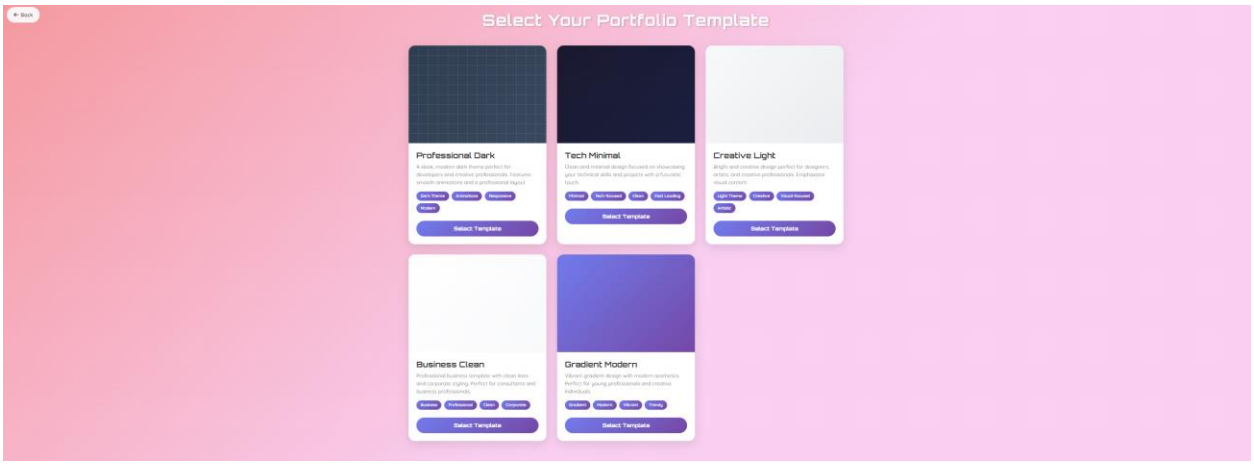
In future versions, we recommend:

- Integrating AI-powered resume scoring
- Adding export-to-PDF and online hosting features
- Supporting multiple file formats (.docx, .txt)
- Providing analytics on portfolio views

# Appendices-Screenshots of ouput




Select Your Portfolio Template
Professional Dark
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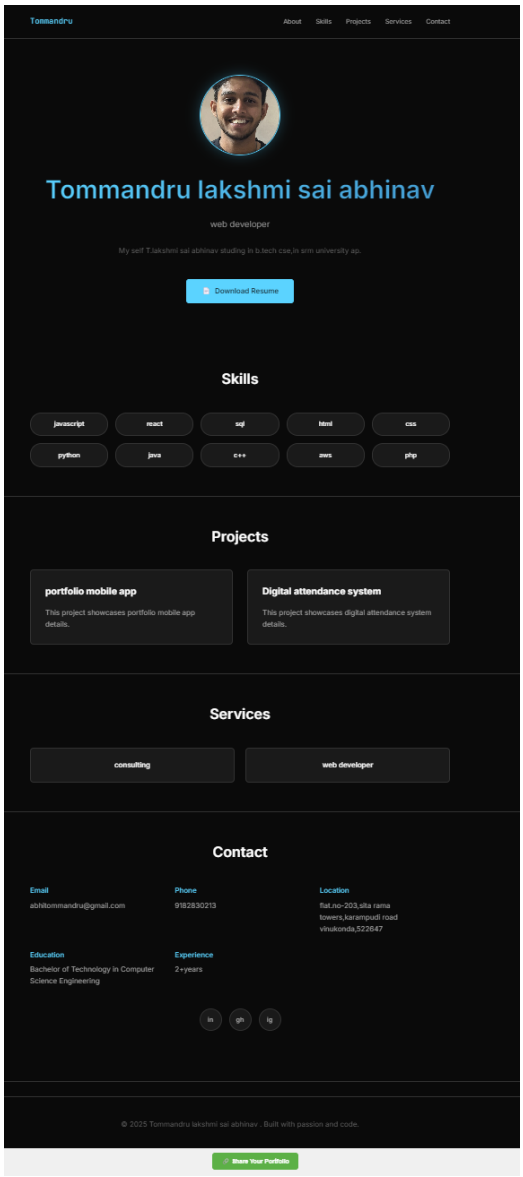
Tech Minimal
Select Template
Creative Light
Select Template
Business Clean
Select Template
Gradient Modern
Select Template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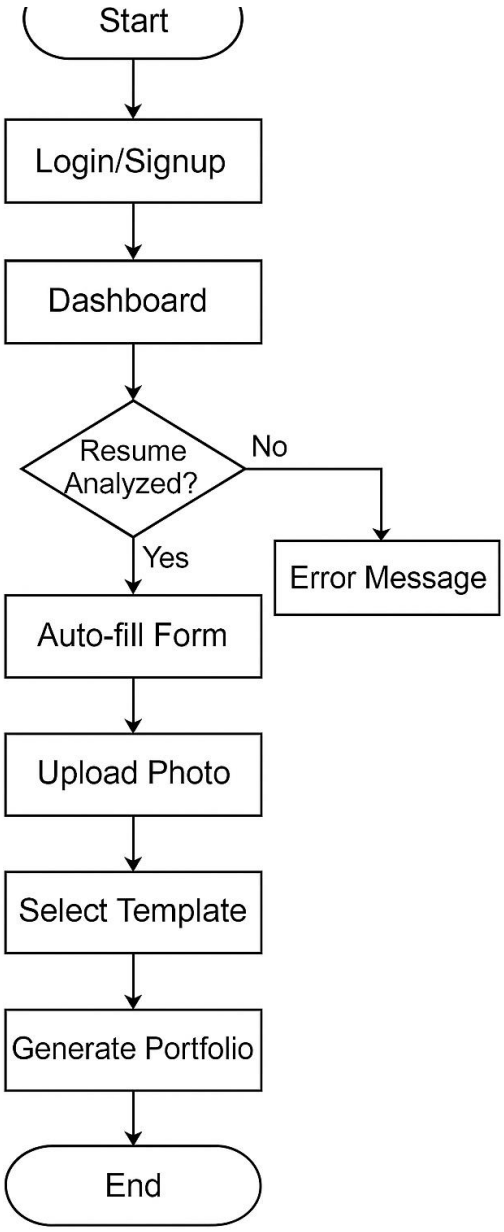
c++
aws
php
Projects
portfolio mobile app
This project showcases portfolio mobile app details.
Digital attendance system
This project showcases digital attendance system details.
Services
consulting
web developer
Contact
Email
abhitommandru@gmail.com
Phone
9182830213
Location
flat.no-203,sita rama towers,karampudi road vinukonda,522647
Education
Bachelor of Technology in Computer Science Engineering
Experience
2+years
Share Your Portfolio


Start
Login/Signup
Dashboard
Resume Analyzed?
No
Error Message
Yes
Auto-fill Form
Upload Photo
Select Template
Generate Portfolio
End

# References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