SkillBuildEra

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Project Timeline: One Project, One Week

Efficiently manage your project development cycle by dedicating a focused week to each core project.

Day 1-2: Planning & Design — **1**

Define project scope, sketch out user interface designs, and plan database schemas and API endpoints. Create wireframes and mockups to visualize the final product.

2 — **Day 3-4: Frontend Development**

Build the user-facing part of the application using HTML, CSS, and JavaScript. Implement responsive design principles to ensure compatibility across various devices and screen sizes.

Day 5: Backend Development — **3**

Set up the server, develop API endpoints for data exchange, and integrate with the chosen database. Focus on robust data handling and security protocols.

4 — **Day 6: Testing & Debugging**

Thoroughly test all functionalities, identify and resolve bugs, and ensure the application runs smoothly. Conduct user acceptance testing (UAT) to gather feedback.

Day 7: Deployment & Review — **5**

Deploy the project to a live server, make it accessible to users, and gather initial feedback. Document the development process and plan for future iterations or enhancements.

Internship Instructions

At SkillBuildera, we believe in learning by doing. During your internship, you will work on practical, real-world tasks that help you build strong technical and professional skills while showcasing your growth as a learner and future professional.

Important Guidelines:

1 Official Start

Begin tasks only after your internship officially starts, as indicated in your Offer Letter email.

2 Domain Focus

Complete tasks exclusively within your selected domain, as specified in your offer letter.

3 Certificate Eligibility

A minimum of 4 completed tasks in your track is mandatory for the Internship Completion Certificate.

4 Learning Approach

This is a self-paced, learning-oriented internship with no live training; utilize your own resources.

5 Flexible Schedule

Manage your working hours flexibly, ensuring all assigned tasks are completed on time.

intern instruction

1 Be on time and professional

2 Follow instructions and ask questions

3 Complete tasks responsibly

4 Respect rules and confidentiality

5 Communicate with your supervisor

Web Development Projects

Build real skills with interactive projects: portfolios, apps, games.

Task 1: Personal Portfolio Website

Key features:

- Full-stack: Frontend, Backend, Database.
- Responsive: Works on all devices.
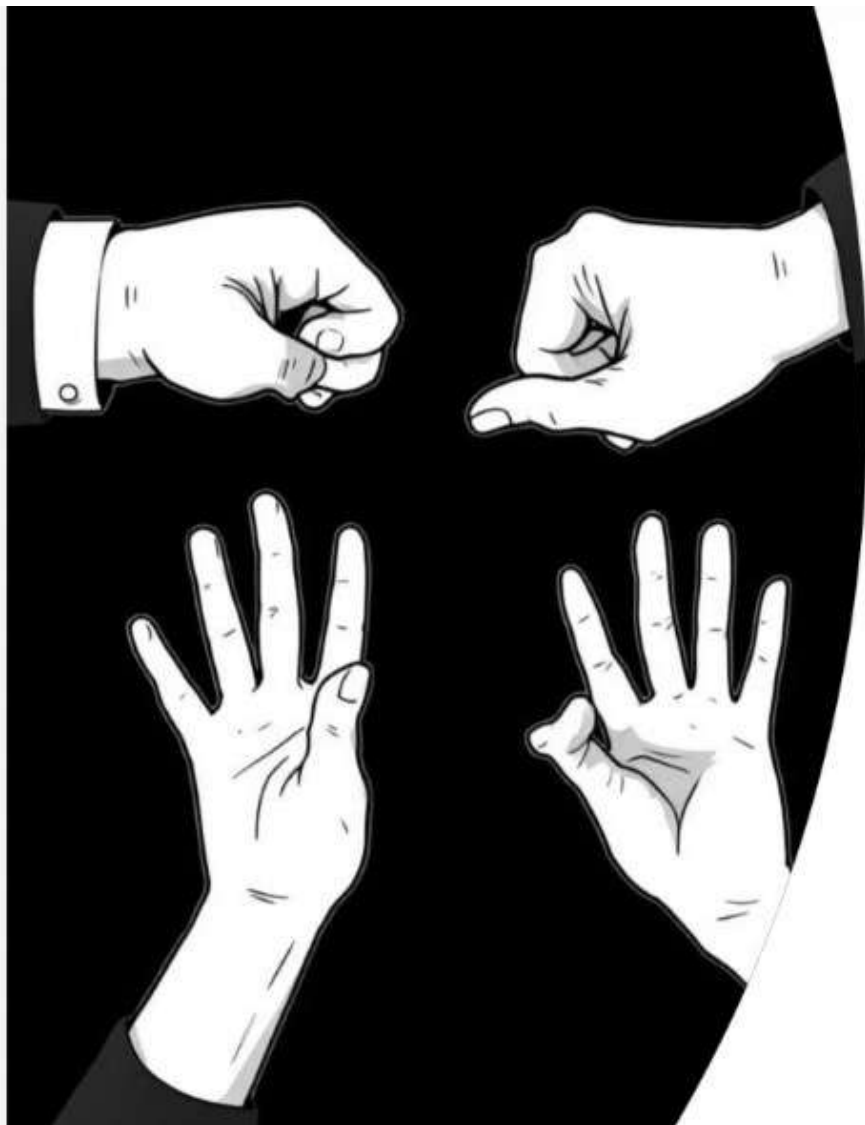- Showcase: Skills, Projects, Contact Form.

View live demo and code online.

Task 2: Expense Tracker

Features

- Manage transactions
- Monthly reports
- Budget alerts
- Data storage

Task 3: Rock Paper Scissors Game

A classic game with essential features.

- Simple Gameplay
- Score Tracking
- Smooth Animations
- Code Learning

Task 4: Weather Forecast Application

Live Data

Accurate forecasts

Extended Forecasts

Hourly details

Location Search

Global city search

Technical Details

- HTML, CSS, JS
- Responsive design
- Weather icons
- Clean interface

Task 5: Classic Snake Game

- Canvas: HTML5, JavaScript
- Difficulty: Progressive speed
- Mechanics: Collisions, controls
- Score: Real-time, high scores

🗒 **Pro Tip:** Engaging project for portfolio.

Tools & Technologies

Frontend

- HTML & CSS
- JavaScript

External APIs

- Weather API
- Geolocation

Why These Projects Matter

Full-Stack Mastery

Demonstrates frontend to backend skills.

Real-World Applications

Builds practical, interactive solutions.

Portfolio Excellence

Impresses with diverse, polished examples.

Diverse Expertise

Covers multiple domains and versatility.

Visual Excellence & User Experience

Design Principles Applied

- Responsive Design
- Clean UI
- Interactive Elements
- Usability & Accessibility

Our design philosophy prioritizes a mobile-first approach, ensuring a clean, interactive, and accessible experience for all users on

Ready to Build Your Own Projects?

- Start Small
- Learn Continuously
- Share Projects
- Grow Skills

"The best way to learn web development is by building real projects. Start today, and watch your skills transform!"