Software Requirements Specification (SRS)

Document Title	: SRS for Portfolio Website of MD Yeamin Hossain Fuhad
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1. Introduction

- **Purpose:** This document outlines the functional and non-functional requirements for the personal portfolio website of MD Yeamin Hossain Fuhad, a Junior SQA Engineer. The site serves as a professional showcase for his skills, projects, and contact information.
- **Scope:** The website is a static informational site with key sections: Hero/Introduction, About Me, Education & Experience, Technical Skills, Practice Projects, and Contact Me. It does not include complex backend functions like user login or databases.

2. Overall Description

- **User Characteristics:** Primary users are potential employers, recruiters, and collaborators in the software industry.
- **Assumptions:** Users will access the site via modern web browsers on desktops or mobile devices.

3. System Features and Requirements

3.1. Feature: Informational Content Display

- **Description:** The system must clearly present all professional information.
- **Requirements:**
  - **REQ-1:** The homepage must prominently display the individual's name, professional title ("Junior SQA Engineer"), and a brief introductory summary.
  - **REQ-2:** An "About Me" section must list key skills/facts and a detailed professional biography.
  - **REQ-3:** An "Education & Experience" section must chronologically present academic and work history with details (role, institution, duration, description).
  - **REQ-4:** A "Technical Skills" section must categorize and list IT skills, Testing skills, Tools, and Soft Skills.
  - **REQ-5:** A "Practice Projects" section must list projects with titles, descriptions, key activities, and links to external resources (e.g., GitHub).
  - **REQ-6:** A "Contact Me" section must display contact details (email, address, phone).

3.2. Feature: Navigation & External Linking

- **Description:** The system must provide clear navigation and functional external links.
- **Requirements:**
  - **REQ-7:** All major sections (About, Education, Skills, Projects, Contact) must be accessible from a navigation menu or anchor links.
  - **REQ-8:** The "Get In Touch" and "Resume" buttons in the header must be functional.
  - **REQ-9:** All hyperlinks to external project repositories (GitHub) must open in a new browser tab.

3.3. Feature: Responsive Presentation

- **Description:** The system must render content correctly on various screen sizes.
- **Requirements:**
  - **REQ-10:** The layout and content must be usable and visually consistent on standard desktop, tablet, and mobile phone screen resolutions.

4. Non-Functional Requirements

- **Usability:** The interface must be clean, professional, and easy to read for a technical audience.
- **Performance:** Page load times should be minimal.
- **Compatibility:** The site must be functional across recent versions of major browsers (Chrome, Firefox, Edge, Safari).