

Introduction :

"Thank you for giving me the opportunity to introduce myself. My name is Kevin Sangani, and I'm from Surat, Gujarat. I'm currently pursuing a B.Tech degree in Information Technology from Dharmsinh Desai University, Nadiad. I'm proud to be the first engineer in my family.

I have a passion for the software industry, with skills in Java, Spring Boot, and React. Recently, I completed a project called SportSplash, a dynamic tournament creation platform where one can experience various sports at one place. I am currently working on an eCommerce website called Kalyan Food, which specializes in selling namkeen products. This is one of my live projects.

In addition to my academic work, I serve as the secretary of the ISF (IETE Student Forum), where we organize events to raise awareness about various technologies among students. We have conducted over 8 events in the past year.

Outside of my professional interests, I enjoy traveling and visiting natural places like mountains and hill stations."

Why Should we hire you?

I believe I am the ideal candidate for this position due to a combination of my technical skills, hands-on project experience, and my dedication to continuous learning and improvement.

Problem-Solving Skills: I am actively preparing for Data Structures and Algorithms (DSA) for interviews, which has significantly enhanced my problem-solving abilities. This preparation ensures that I can tackle complex challenges efficiently and develop optimized solutions.

My experience in collaborative projects has equipped me with strong teamwork

By combining my technical expertise, practical project experience, problem-solving capabilities, and passion for continuous improvement, I am confident that I can make significant contributions to [Company Name] and excel in this role.

What is your future goal?

My future goal is to become a well-rounded and proficient software developer who can lead innovative projects and make significant contributions to the tech industry.

Dream Company?

My dream company values innovation, learning, and teamwork. WishTree Technologies fits this well because it uses new technology, supports professional growth, and encourages a collaborative work environment. This matches my career goals and values perfectly.

What is Your Strength and Weakness?

Strength: My greatest strength is my technical proficiency and problem-solving ability. I have a solid foundation in React, Java, Spring Boot, JavaScript, HTML, and CSS. This allows me to develop efficient and scalable web applications. Additionally, my experience working on projects like Kalyan Food has enhanced my ability to tackle real-world challenges and deliver effective solutions. I am also dedicated to continuous learning, always looking for ways to improve my skills and stay updated with the latest technologies.

Weakness: One area I am working on improving is my tendency to be overly detail-oriented. While this often ensures high-quality work, it can sometimes slow me down when I spend too much time perfecting small details. I am learning to balance my focus on detail with a broader view of project timelines and priorities, ensuring that I maintain efficiency without compromising quality.

Agile & Scrum:

Agile

Agile is a philosophy or set of principles for software development that focuses on delivering small, incremental releases of software. It values:

1. **Individuals and Interactions:** Emphasizes the importance of collaboration and communication over rigid processes and tools.
2. **Working Software:** Prioritizes delivering functional software frequently, ensuring that progress is visible and continuous.
3. **Customer Collaboration:** Involves the customer in the development process to ensure that the product meets their needs.
4. **Responding to Change:** Accepts that requirements will evolve over time and encourages adaptability and responsiveness to change.

The **Agile Manifesto** (2001) and its accompanying **12 Principles** provide the foundation for Agile methodologies. These principles include customer satisfaction through early and continuous delivery, welcoming changing requirements, delivering working software frequently, and promoting sustainable development.

Scrum

Scrum is one of the most widely used Agile frameworks for managing complex projects. It focuses on delivering a product incrementally and iteratively. Here's a detailed breakdown:

Roles

5. Product Owner:

- Defines the features of the product and decides on release dates and content.
- Is responsible for the Product Backlog and ensuring that it is visible, transparent, and clear.
- Prioritizes the Product Backlog items to maximize the value of the work done by the Development Team.

6. Scrum Master:

- Facilitates Scrum practices and ensures the team adheres to Scrum principles.
- Helps remove impediments that the Development Team faces.
- Acts as a coach for the team, helping them to improve their processes and interactions.

7. Development Team:

- A self-organizing, cross-functional group of professionals who do the actual work of delivering a potentially releasable product increment.

- Typically consists of 3-9 members who have all the skills needed to create the product increment.

Artifacts

8. Product Backlog:

- A dynamic, ordered list of everything that might be needed in the product.
- Items in the Product Backlog are typically written as user stories, which are short, simple descriptions of a feature told from the perspective of the user.

9. Sprint Backlog:

- The set of Product Backlog items selected for the Sprint, plus a plan for delivering them.
- Owned and managed by the Development Team.

10. Increment:

- The sum of all the Product Backlog items completed during a Sprint and all previous Sprints.
- Must be in a usable condition regardless of whether the Product Owner decides to release it.

Events

11. Sprint:

- A time-boxed period (typically 2-4 weeks) during which a potentially shippable product increment is created.
- Sprints are of consistent length throughout a development effort.

12. Sprint Planning:

- A meeting at the beginning of each Sprint where the team selects Product Backlog items to work on.
- The team creates a Sprint Goal, a short statement of what the team plans to achieve during the Sprint.

13. Daily Scrum:

- A 15-minute time-boxed event for the Development Team to synchronize activities and create a plan for the next 24 hours.
- Each team member typically answers three questions: What did I do yesterday? What will I do today? Are there any impediments?

14. **Sprint Review:**

- Held at the end of the Sprint to inspect the increment and adapt the Product Backlog if needed.
- Involves the Scrum Team and key stakeholders.

15. **Sprint Retrospective:**

- A meeting after the Sprint Review and before the next Sprint Planning.
- The Scrum Team discusses what went well, what could be improved, and how to improve the processes for the next Sprint.

Benefits of Scrum

- **Transparency:** All aspects of the process are visible to those responsible for the outcome.
- **Inspection:** Frequent checks on progress to detect undesirable variances.
- **Adaptation:** Adjusting the process and product based on what was learned from the inspection.

Scrum helps teams deliver high-quality products and respond to changes in customer requirements, making it an ideal choice for dynamic and complex projects.