



Internship Report: Web Developer Intern at Reignite Technologies LLP

This presentation details the internship experience of Saumy Mishra at Reignite Technologies LLP, Ahmedabad, from 3rd February to 4th March 2025. The internship focused on applying academic knowledge to real-world web development projects, enhancing both technical and professional skills.

Under expert mentorship, the intern gained hands-on experience in front-end and back-end development, working with modern web technologies and agile workflows. This report highlights the journey, skills acquired, and key learnings from the internship.



by **Saumy Mishra**



About Reignite Technologies LLP

Company Overview

Established in 2022, Reignite Technologies LLP is an IT consulting and staffing firm with offices in the US and India, specializing in IT staffing, software development, and career services.

Mission & Vision

Committed to driving growth and innovation through technology, the company aims to be a global catalyst for technological excellence.

Core Values

Innovation, integrity, excellence, and collaboration guide their client-centric approach and service delivery.

Weekly Overview of Internship Modules

1

Week 1: Web Basics

Company orientation, HTML fundamentals, CSS styling, layout design, and responsive techniques.

2

Week 2: JavaScript Essentials

Syntax, control flow, DOM manipulation, event handling, and form validation.

3

Week 3: React.js Introduction

Components, state, props, hooks, user inputs, and routing with React Router.

4

Week 4: Project & Optimization

Final project setup, component reuse, debugging, performance tuning, and cross-browser testing.



Technical Skills Acquired: HTML & CSS

HTML Mastery

- Semantic elements for accessibility and SEO
- Form handling with validation attributes
- Embedding media and navigation structures

CSS Proficiency

- Selectors, box model, Flexbox, and Grid layouts
- Responsive design with media queries
- Transitions, animations, and styling components

JavaScript & React.js Development

JavaScript Fundamentals

- Variables, functions, control flow, and closures
- DOM manipulation and event handling
- Client-side form validation and dynamic UI elements

React.js Skills

- JSX syntax and functional components
- State management with useState and side effects with useEffect
- Routing and reusable component development

UI/UX Design Principles & Best Practices

Accessibility

Designing inclusive interfaces with semantic HTML, ARIA roles, and keyboard navigation support.

Consistency

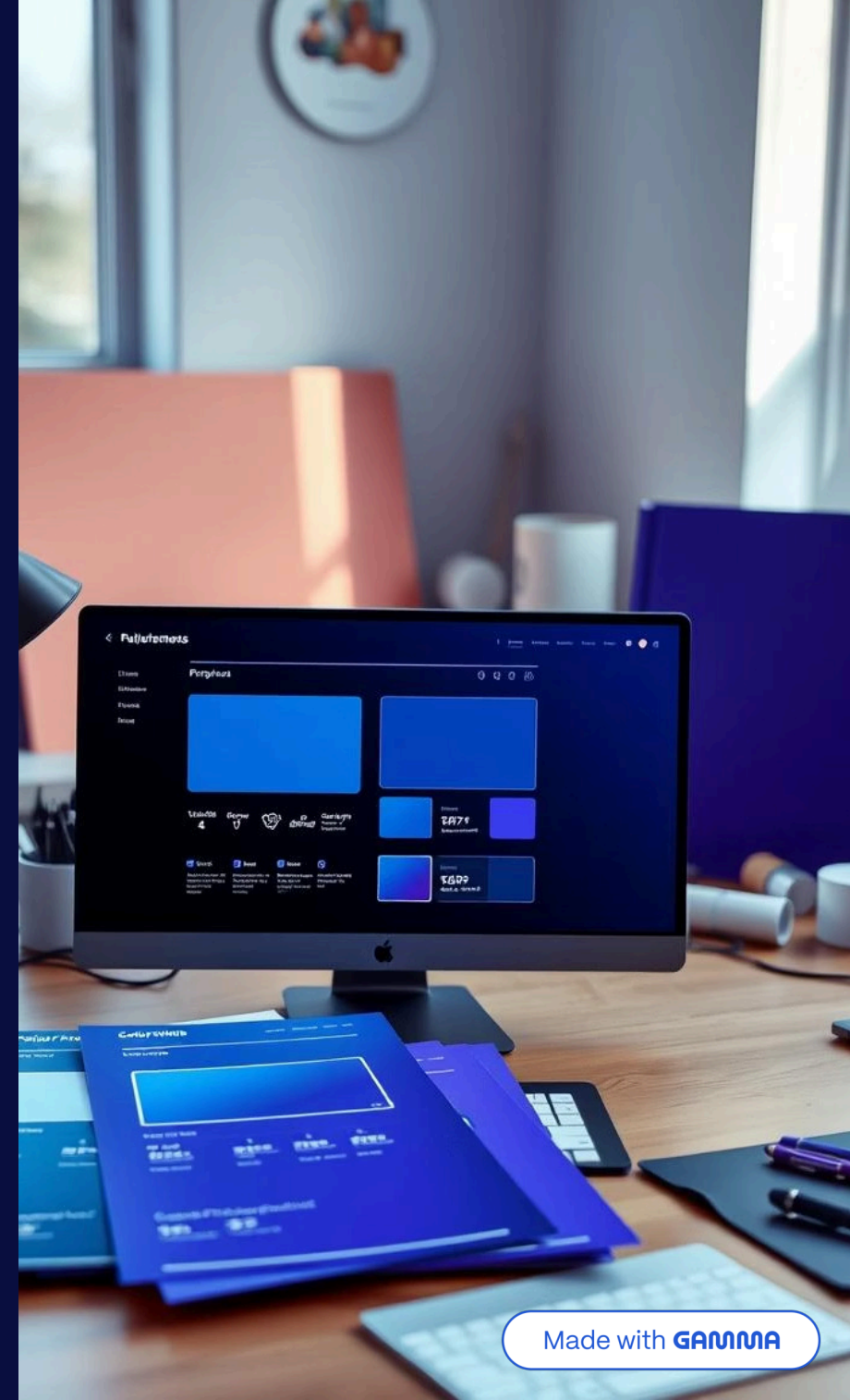
Maintaining uniform fonts, colours, and spacing for intuitive user experiences.

Responsive & Mobile-First

Ensuring seamless functionality across devices by prioritizing mobile design.

Iterative Feedback

Incorporating user feedback to refine and improve interface usability continuously.



Tools and Workflow Practices

Version Control with Git

Cloning, committing, branching, and merging to manage code collaboratively and efficiently.

Code Editors & Extensions

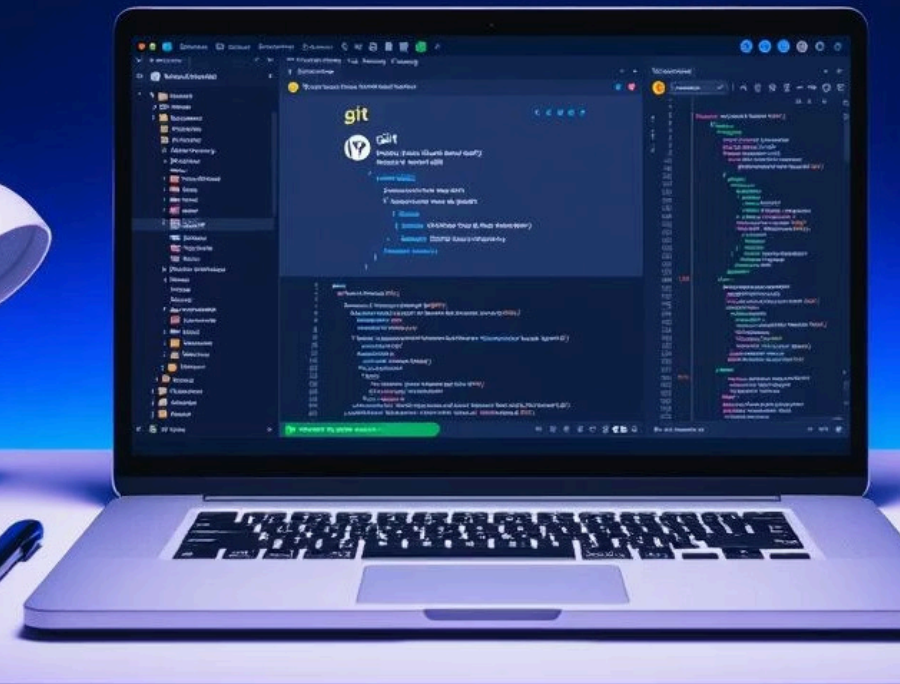
Using Visual Studio Code with Prettier and ESLint for code quality and formatting.

Browser Developer Tools

Inspecting elements, debugging JavaScript, and optimizing layouts in real time.

Deployment Basics

Understanding hosting static sites on platforms like GitHub Pages and Netlify.





Soft Skills and Professional Growth

1

Communication

Participating in meetings, sharing progress, and receiving constructive feedback.

2

Time Management

Meeting deadlines and managing tasks independently with daily progress tracking.

3

Collaboration

Engaging in code reviews and team discussions to align on UI and development goals.

4

Problem-Solving

Debugging complex issues using systematic approaches and documentation.

Conclusion and Career Impact

The internship at Reignite Technologies LLP bridged theoretical knowledge with practical application, providing hands-on experience in modern frontend development. It enhanced coding skills, problem-solving abilities, and understanding of agile workflows.

This experience strengthened my passion for web development and prepared me to contribute effectively in professional environments. It laid a solid foundation for my career, boosting confidence and commitment to continuous learning in the evolving IT industry.

