Lecture No. 1

■ Summary

- Frontend development focuses on what users see and interact with on websites and apps

- Essential skills include HTML, CSS, JavaScript, git, TypeScript, UI frameworks, CSS pre-processors, automated testing, and meta frameworks

- Timeline: 6-12 months of consistent studying and practice

- Additional skills for competitive edge: CSS pre-processors, CSS frameworks, automated testing, meta frameworks, React Native for mobile development

■ Key Terms and Concepts

- Frontend development

- HTML, CSS, JavaScript

- Version Control Systems (git, GitHub)

- TypeScript

- UI frameworks (e.g., React, Angular, Vue)

- CSS pre-processors (SASS, Less, Stylus)

- CSS frameworks (Bootstrap, Tailwind)

- Automated testing (Jest, Jest, testing principles)

- Meta frameworks (Next.js, Remix)

- React Native

■ Review Questions

1. What are the core languages used in frontend development?

2. Why is consistency important in learning frontend development skills?

3. What is the purpose of a Version Control System like git?

4. How does TypeScript differ from JavaScript?

5. What are the benefits of using CSS pre-processors and frameworks in frontend developmen

t?