

# 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 development?

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