

Research on Bootstrap Technology - Supporting Website Display on Mobile Devices

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Abstract: In the context of the strong development of information technology and the increasingly widespread popularity of mobile devices, ensuring a good browsing experience for users on mobile platforms has become urgent. This topic focuses on researching and applying Bootstrap technology to optimize website display on mobile devices. The goal is to build a system that supports responsive website design to improve page load performance and user experience on devices with different screen sizes. The research method combines theory on responsive web design with practical implementation of Bootstrap applications in real projects. Through this, the topic aims to provide a feasible and highly applicable solution for website developers to enhance communication effectiveness on mobile.

Keywords: Bootstrap, responsive web design, mobile display support