

E-commerce Website with AWS

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Abstract: *E-commerce could be a boom within the modern business. E-commerce means electronic commerce. E-Commerce involves buying and selling of products and services, or the transmitting of funds or data, over an system, predominantly the net. E-commerce could be a paradigm shift influencing both marketers and also the customers. Rather e-commerce is quite just differently to spice up the prevailing businesspractices. It's leading to a whole change in the traditional way of doing business. This significant change in business model is witnessing an amazing growth round the globe and India isn't an exception. A large internet penetration has added to growth of E-commerce and more particularly start-ups are increasingly using this selection as a differentiating business model. More over E-Commerce has significant influenceson the environment. Although the model is very employed in current business scenario but the choice has not been explored at its fullest. The present research and analysis has been undertaken to explain the condition of E-Commerce websites, analyze the trends of E-Commerce. This website is build using MERN stack and this website will be deployed on Amazon Web Services (AWS) due to their low cost in their services, flexibility, security and pay-as-you-go pricing. The services used for the same will be EC2, RDS, S3. Also, a round of Vulnerability Assessment and Penetration Testing (VAPT) will be performed on the website to remove the vulnerabilities and reduce the chances of Ethical Hacking.*

Keywords: E-commerce, B2C, E-customer buying process, AWS

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