FULL STACK BLOGGING WEB APPLICATION

A Mini project report submitted
in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

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BONAFIDE CERTIFICATE

Certified that this mini project report **"FULL STACK BLOGGING WEB APPLICATION"** is the bonafide work of **SANGAM SAI SRI VINAY REDDY, THOTA CHANDRIKA, SOMAROUTHU KAARTHIKEYA PAVANA KUMAAR, SHAIK SIDDIK, TORLIKONDA SATYA AKHIL** who carried out the project work under my guidance and supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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INTERNAL EXAMINER   **EXTERNAL EXAMINER**

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FULL STACK BLOGGING APPLICATION

<u>ABSTRACT</u>

Blogging refers to writing, photography and other media that is self-published in online. It has started an opportunity for individuals to write diary-style entries. It enables you to reach the billions of people that use the internet. Looking into the technical elements, there are some popular blogging websites like Blogger, Tumblr etc. They are using older tech stack, and the UI looks boring. Every application has functional and non-functional requirements. Some non-functional requirements are design, performance, responsiveness and speed of the application.With the help of modern (MERN) stack, we can improve the UI design by using various frameworks (like MaterialUI) which contains reusable components, that makes the development easier and make the application to look attractive and responsive. With modern back-end technologies the process of fetching/ storing data became simple, efficient and reliable, hence the performance and speed is improved. The code redundancy is reduced, makes the web application simple and light in weight.The special features (functional requirements) of this web application is improved design patterns(like MVC), using like/ dislike mechanism, so that any user posting irrelevant data will be downgraded by others and his posts will not appear on the top, this is not present in most of the present websites.