Declaration

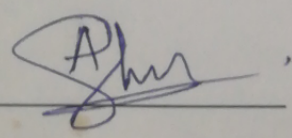
I, Ankit Arunkumar Shah, hereby declare that the work reported in this thesis entitled '*Performance Optimization of Big Data Processing using Heterogeneous Distributed Computing*' submitted for the award of the degree of

Doctor of Philosophy

in

Computer Science and Engineering

is original and was carried out by me at the Department of Computer Science and Engineering, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara. I further declare that this thesis is not substantially the same as one which has already been submitted in part or in full for the award of any degree or academic qualification of this University or any other Institution or examining body in India or abroad. Due acknowledgements have been made in the thesis for all other sources referred.



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