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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "SUSTAINABLE PRODUCTION OF CONCRETE USING RICE HUSK ASH AND STEEL FIBRES: DURABILITY PARAMETERS" is being submitted by

| VENNA SRI SAI VIJNATRI RAMA SAGARI | 18A91A0150 |
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| TIRTHA NARAYAN SAH | 18A91A01B0 |
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| CHEVVAKULA DENNY DHANARAJ | 18A91A0107 |

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The results embodied in this Project report have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJECT GUIDE

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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "Design and analysis of Tall building under Wind and Seismic excitation using E-TABS" is being submitted by

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| PACHIPULUSU DINAKAR | 19A95A0111 |
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This is to certify that the thesis entitled "Usage of Cermaic Powder and Steel fibres in the production of concrete" is being submitted by

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This is to certify that the thesis entitled "Identification of Groundwater Potential Zones using RS and GIS" is being submitted by

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This is to certify that the thesis entitled "Numerical Investigation of Concrete Panels Subjected to Hard Missile Impac" is being submitted by

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DEPARTMENT OF CIVIL ENGINEERING



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This is to certify that the thesis entitled "Experimental study on alkali resistant galss fibre reinforced concrete" is being submitted by

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DEPARTMENT OF CIVIL ENGINEERING



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This is to certify that the thesis entitled "Monitoring the performance of constructed wetland for treating the domestic waste water" is being submitted by

| KOYILADA N NAVEEN S SWAMY NAIDU | 18A91A0124 |
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| DEGALA VENKATESH | 18A91A0111 |
| P BHAVANA | 19A95A0110 |
| SHAIK MOUNUDDIN HANEEF MUKTHAR | 18A91A0145 |
| YEHOSHUVA DASARI | 18A91A0152 |

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This is to certify that the thesis entitled "RCC design formulation for buildings using statistical approach" is being submitted by

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "Calculation of switching angles for the elimination of lower order harmonics in cascade multilevel inverter (5-level) by using TLBO optimization" is being submitted by

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| R.H.V.S.S. DEEPTI | 18A91A0241 |
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In partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Electrical and Electronics Engineering from Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by them at Aditya Engineering College.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "Industrial Automatic Waste Segregation System" is being submitted by

| P. MANIKANTA RAJU | 18A91A0237 |
|-------------------|------------|
| P. SREEKANTH | 19A95A0215 |
| Y. NAGANNA DORA | 18A91A0247 |
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "IOT Based Real- Time Vehicle Tracking System" is being submitted by

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "Advanced applications of a Smart Energy Meter employing IoT" is being submitted by

| GORJA MOHIT KUMAR | 18A91A0215 |
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| KETHA AKHILESH | 18A91A0223 |
| K BABU RAO | 18A91A0224 |

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "DESIGN AND DEVELOPMENT OF NINE PHASE Z SOURCE INVERTER" is being submitted by

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|----------------------|------------|
| M.G.V.V.D. PRASANTH | 18A91A0228 |
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PROJECT GUIDE

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Dr. V. Srinivasa Rao

Professor & HOD

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GSTIN: 37AAHCT7281QIZD.



26-02-2022

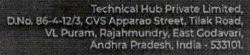
CERTIFICATE OF INTERNSHIP

This is to certify that the student Mr/Ms. SAVITI VENKATALAKSHMI (20A91A0340) of Department of Mechanical Engineering, Aditya Engineering College (A) has worked with us from 11-02-2022 to 26-02-2022. During this period, the student has exhibited strong commitment towards internship on "Design and Assembly of Horizontal Marine Steam Engine" and has successfully completed it under our guidance.

We found the student's performance and conduct were satisfactory. We wish the student all the very best.

> Babji Neelam Chief Executive Officer

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26-02-2022

CERTIFICATE OF INTERNSHIP

This is to certify that the student Mr/Ms. SUNKARA SATISH KUMAR (20A91A0341) of Department of Mechanical Engineering, Aditya Engineering College (A) has worked with us from 11-02-2022 to 26-02-2022. During this period, the student has exhibited strong commitment towards internship on "Design and Assembly of Horizontal Marine Steam Engine" and has successfully completed it under our guidance.

We found the student's performance and conduct were satisfactory. We wish the student all the very best.

> Babji Neelam Chief Executive Officer

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26-02-2022

CERTIFICATE OF INTERNSHIP

This is to certify that the student Mr/Ms. SURLA MOULI (20A91A0342) of Department of Mechanical Engineering, Aditya Engineering College (A) has worked with us from 11-02-2022 to 26-02-2022. During this period, the student has exhibited strong commitment towards internship on "Design and Assembly of Horizontal Marine Steam Engine" and has successfully completed it under our guidance.

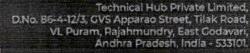
We found the student's performance and conduct were satisfactory. We wish the student all the very best.

Babji Neelam

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26-02-2022

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This is to certify that the student Mr/Ms. SWAMIREDDY DURGA BABU (20A91A0343) of Department of Mechanical Engineering, Aditya Engineering College (A) has worked with us from 11-02-2022 to 26-02-2022. During this period, the student has exhibited strong commitment towards internship on "Design and Assembly of Horizontal Marine Steam Engine" and has successfully completed it under our guidance.

We found the student's performance and conduct were satisfactory. We wish the student all the very best.

Babji Neelam

Chief Executive Officer

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26-02-2022

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This is to certify that the student Mr/Ms. TALISETTI SAI RATNAM (20A91A0344) of Department of Mechanical Engineering, Aditya Engineering College (A) has worked with us from 11-02-2022 to 26-02-2022. During this period, the student has exhibited strong commitment towards internship on "Design and Assembly of Horizontal Marine Steam Engine" and has successfully completed it under our guidance.

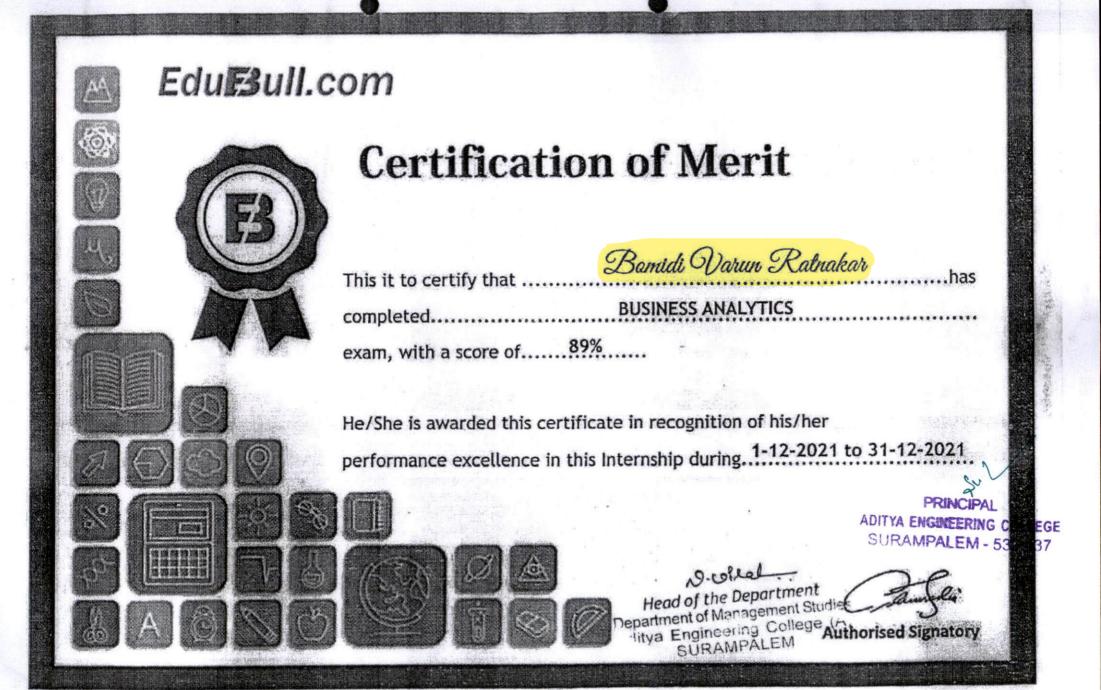
We found the student's performance and conduct were satisfactory. We wish the student all the very best.

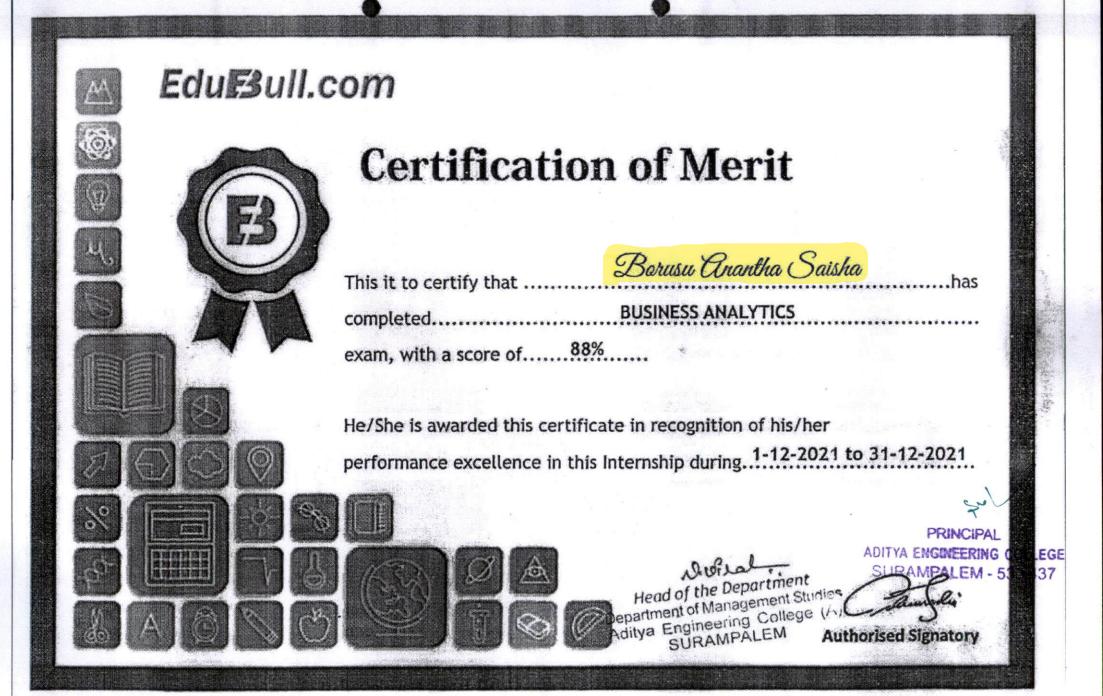
Babji Neelam

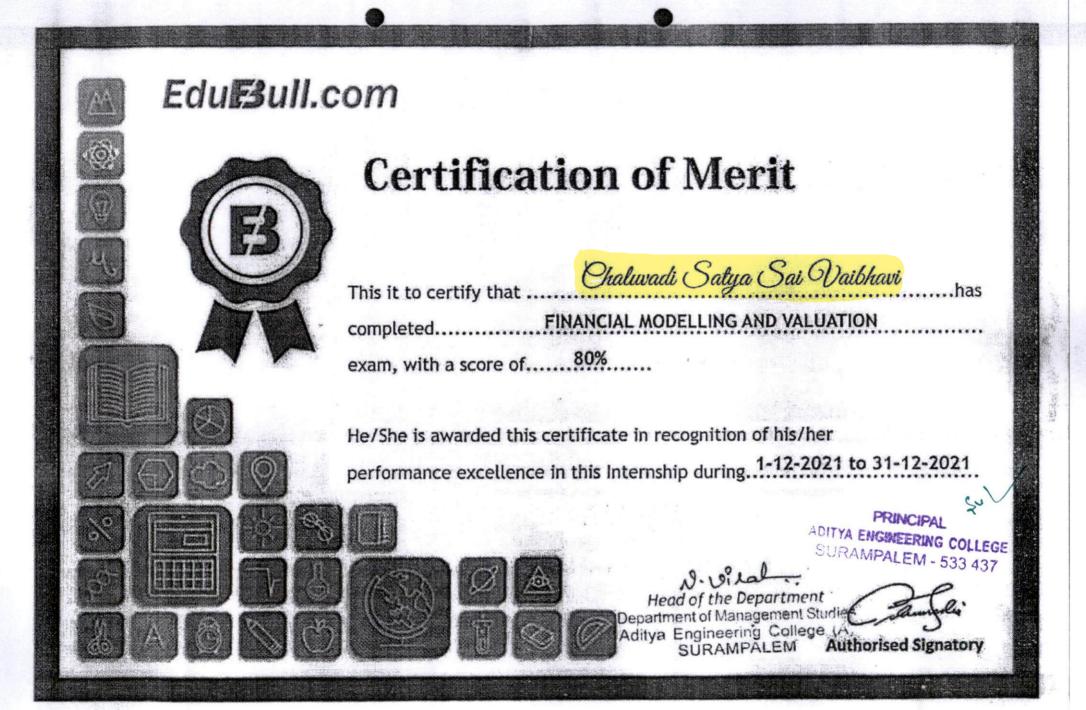
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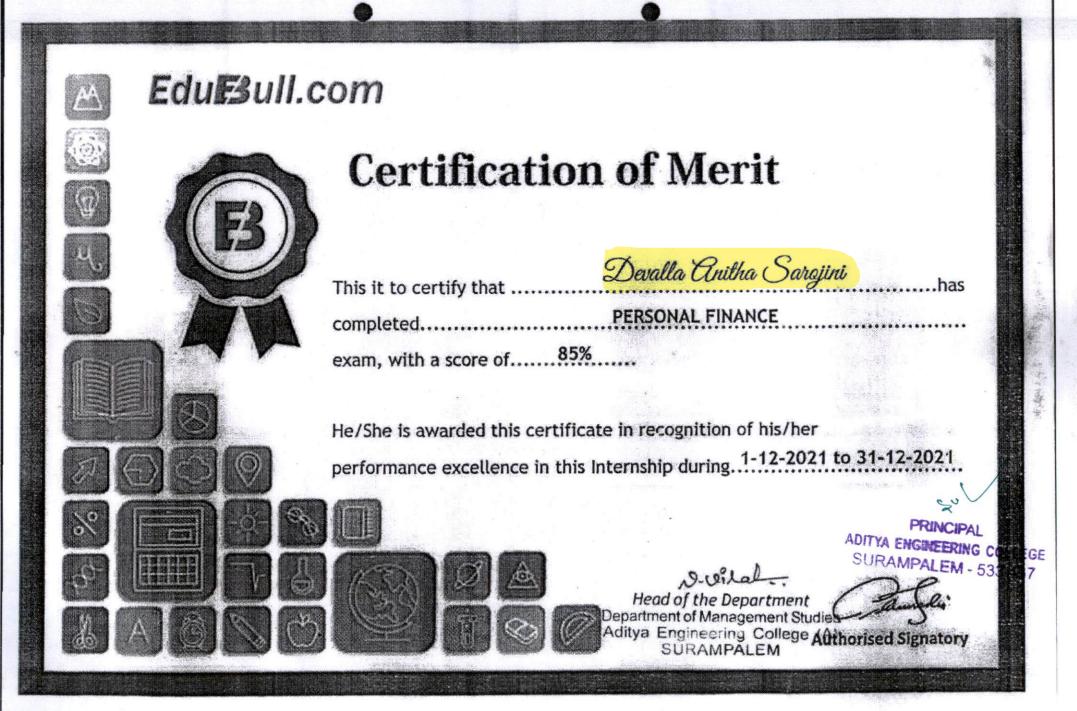
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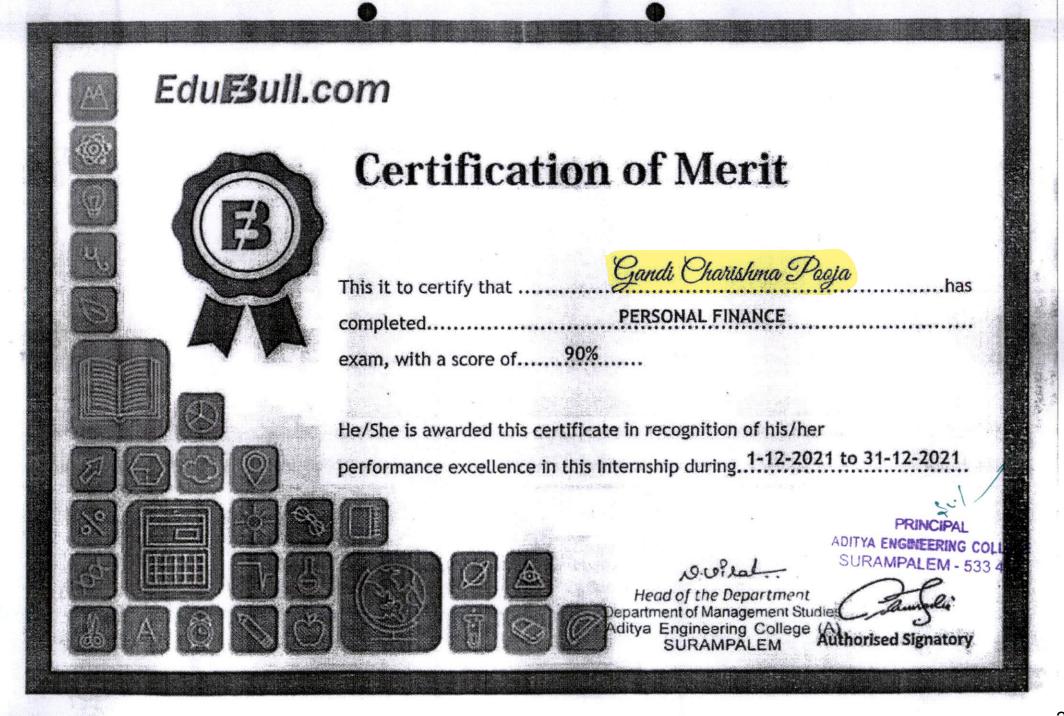
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SURAMPALEM-533437, E.G. dt, ANDHRA PRADESH.

DEPARTMENT OF MCA



CERTIFICATE

This is to certify that the project work entitled, "STUDENT PLACEMENT PREDICTION USING XGBOOST ALGORITHM" is a Bonafide work of NUNNA SAI JYOTHIKA bearing Regd.No:20A91F0036 submitted to the faculty of Master of Computer Applications partial fulfillment of the requirements for the award of the degree of MASTER OF COMPUTER APPLICATIONS from Aditya Engineering College, Surampalem for the academic year 2020-2021.

Project Guide

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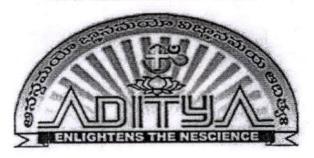
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DEPARTMENT OF MCA



CERTIFICATE

This is to certify that the project work entitled, "PRODUCT RECOMMENDATION SYSTEM" is a Bonafide work of PADALA NOOKARAJU bearing Regd.No:20A91F0037 submitted to the faculty of Master of Computer Applications partial fulfillment of the requirements for the award of the degree of MASTER OF COMPUTER APPLICATIONS from Aditya Engineering College, Surampalem for the academic year 2020-2021.

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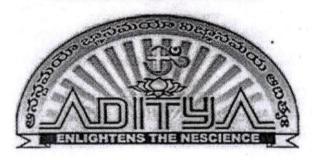
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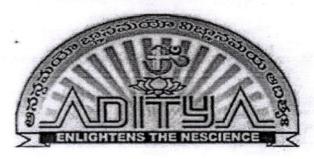
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This is to certify that the project work entitled, "GST INVENTORY MANAGEMENT SYSTEM" is a Bonafide work of PEPAKAYALA VENKATESH bearing Regd.No:20A91F0040 submitted to the faculty of Master of Computer Applications partial fulfillment of the requirements for the award of the degree of MASTER OF COMPUTER APPLICATIONS from Aditya Engineering College, Surampalem for the academic year 2020-2021.

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