



SUNKARA AAKASH

Course : B.E. (Hons.), Mechanical Engineering, 2021

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CGPA : 8.23



ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Mahathi Junior College	Board of Intermediate Education-A.P	981 MARKS	2017
CLASS X	Narayana English Medium School	Board of Secondary Education-A.P	9.5 CGPA	2015

Subjects / Electives	Business Analysis and Valuation, Fundamentals of Finance and Accounting, Security Analysis and Portfolio Management, Quality Control Assurance and Reliability, Derivatives and Risk Management, Probability and Statistics, Supply Chain Management, Engineering Optimization, Human Resource Development, Financial Management
Technical Proficiency	Python3, R Programming, SQLite, Microsoft Excel, HTML, CSS

SUMMER INTERNSHIP / WORK EXPERIENCE

Associate Product Manager, BrightChamps	Aug 2020 - Dec 2020
<ul style="list-style-type: none">Established two payment gateways through which more than 50% of the revenue was receivedSpearheaded masterclass program which contributed to around 20% of the revenueCoordinated with the teacher hiring process and managed them. I acted as a sole Point of Contact for a brief amount of time	
Summer Intern, Bharat Forge	May 2019 - Jul 2019
<ul style="list-style-type: none">Conceptualized and devised a new packing system considering the safety factor, cost of manufacturing, material availability and portabilityCalculations suggest that this model can achieve a cost reduction of at least 33%, whose strength and durability were tested on a prototype	

PROJECTS

PVR trading asset analysis - Finance	Mar 2020 - Apr 2020
<ul style="list-style-type: none">Compiled a report on equity, futures and options instruments of PVR, with investment advice tailored according to the type of investor (arbitrager, speculator or hedger) using real-time historical data. Click here to view the report	
IC Engine fabrication - Mechanical	Jan 2020 - Apr 2020
<ul style="list-style-type: none">Managed a team of 8 members in fabricating a working model of an IC Engine	
Python code to generate MR charts - Quality Control Assurance and Reliability	Oct 2019 - Oct 2019
<ul style="list-style-type: none">Developed a python code which creates MR(Moving Range) charts and crucial values for user input data. Click here to view the code	
Demand forecasting - Supply Chain Management	Oct 2019 - Nov 2019
<ul style="list-style-type: none">Forecasted the sales of Volvo cars for the year 2020 using real-time historical sales data and time-series forecasting methods.	

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
SQL for Data Science	Coursera	This course explains the fundamentals of data handling using SQL. It encompasses many topics like filtering and sorting data, using subqueries and joins, modifying and analysing the data.
Project Management: The Basics for Success	Coursera	This course teaches the important aspects of a project, possible challenges one can face while trying to accomplish it, and team management's importance. It also discusses ways on how to manage team members effectively and achieve optimal results.
Python for Everybody Specialization with honors	Coursera	This five course specialization covers a wide range of topics like basics of python, accessing web data, handling databases using SQL and python and spidering.
R Programming	Coursera	This course focuses on the foundations of R for absolute beginners, teaches numerous functions and packages of it and explains how to manipulate data using R

COMPETITIONS

MegaATV Championship 18-19	Mar, 2019
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EXTRA CURRICULAR ACTIVITIES

Carroms
<ul style="list-style-type: none">Got selected to A - Team of Carroms club
Age of Empires
<ul style="list-style-type: none">Was an avid player of AOE III - The Asian Dynasties. Participated in some multiplayer events

LANGUAGES KNOWN

Telugu, English, Hindi, Japanese
