

MATHEW JOSEPH

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<https://github.com/MJTheGreat3>



ABOUT ME

Highly motivated and enthusiastic Computer Science Engineering student with a solid foundation in programming languages, algorithms, and data structures. Possess strong problem-solving skills and a passion for learning new technologies. Seeking an opportunity to leverage my technical expertise and analytical skills and deliver impactful solutions.

PROJECTS

Community Directory

Flask (Python), HTML, CSS, JavaScript & SQL

A digital profile management directory in form of a website, inspired by the Parish Directory (which physically catalogued the details of its members), with multiple access routes and comprehensive data storage capacity

Github link to the project:

<https://github.com/MJTheGreat3/CommDir>

MIPS Processor

C++

A simulator of the MIPS processor

Github link to the project:

https://github.com/MJTheGreat3/MIPS_Proc

IAS Processor

C++

A simulator of the IAS processor

Github link to the project:

https://github.com/MJTheGreat3/IAS_Proc

EDUCATION

Integrated M.Tech. in Computer Science and Engineering

GPA | 3.7 / 4.0

2023 - Present Date IIIT Bangalore

Class 12

CBSE Board | 96 / 100

2023

BBPS, Navi Mumbai

2nd School Rank Holder

Class 10

CBSE Board | 99 / 100

2021

BBPS, Navi Mumbai

2nd School Rank Holder

TECHNICAL SKILLS

Python (Django & Flask) C C++

HTML CSS JavaScript SQL

Verilog

MS Excel

LANGUAGES

English ● ● ● ● ●

Hindi ● ● ● ● ●

Malayalam ● ● ● ● ●

CERTIFICATIONS

Personal Finance (Financial Planning, Investments, Insurance & Risk Management)

AKC Capital (Wealth Management Firm)

Finance for Non-Finance Professionals

Rice University

Link to course:

<https://www.coursera.org/learn/finance-for-non-finance>

Build a Modern Computer from First Principles: From Nand to Tetris

Hebrew University of Jerusalem

Link to course:

<https://www.coursera.org/learn/build-a-computer/>

CS50's Introduction to Computer Science

Harvard University

Link to course:

<https://www.edx.org/learn/computer-science/harvard-university-cs50-s-introduction-to-computer-science/>

Electric Cars: Introduction

Delft University of Technology

Link to course:

<https://www.edx.org/learn/electric-cars/delft-university-of-technology-electric-cars-introduction>

ACHIEVEMENTS

JEE Advanced

Rank 12462

JEE Mains

Rank 7523

Dr. Homi Bhabha Balvaidnyanik Examination

Silver Medalist

Helen O'Grady Youth Drama Competition

National Level Qualifier

CBSE Science Exhibition

State Level Qualifier

Arcane National MUN

Special Mention in Historic Crisis Committee

Senior Head Boy

Bal Bharati Public School, Navi Mumbai

COURSEWORK

Economics

Digital Design

Computer Architecture - Processor Design

Programming in C

Programming in Python

Data Structures And Algorithms

Computer Networks