

Prasanna P

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPALLI

B.TECH IN COMPUTER SCIENCE AND ENGINEERING
Expected May 2024 | India

MAHATMA MONTESSORI SCHOOL

CBSE Std XII

Grad. May 2019 | India
Percentage: 94.40%

MAHATMA MONTESSORI SCHOOL

CBSE Std X

Grad. May 2017 | India
CGPA 10.0/10.0

SKILLS

PROGRAMMING LANGUAGES:

C • C++ • JavaScript

WEB DEVELOPMENT:

HTML • CSS • Bootstrap
jQuery • NodeJS

DATA BASES AND TOOLS:

MySQL • VSCode

COURSEWORK

UNDERGRADUATE

Advanced Data Structures
Introduction to Algorithms
Operating Systems
Combinatorics & Graph Theory
Augmented and Virtual Reality
Computer Networks

ACHIEVEMENTS

96% in AISSCE Computer Science Examination.

EXPERIENCE

Bits Crunch | SOFTWARE DEVELOPER INTERN

Dec 2021 – Feb 2022 | Germany

- Developed a responsive website with intuitive UI for their community building program consisting of **over 1000 active users** using **HTML, CSS, and JavaScript**.
- Worked alongside **designers** and **customer feedback team** to develop customer friendly products.

PROJECTS

CONTENT RECOMMENDATION SYSTEM | C++

September 2022

- Developed a content recommendation engine used in **OTT** platforms which recommend shows based on our recent searches and watchlists.
- Used **statistics**, and **advanced data structures** such as **splay trees** to **increase the efficiency and accuracy** of the recommendation system.

TILE PUZZLE | HTML, CSS, JAVASCRIPT

June 2021

- Created a responsive **Puzzle Game** consisting of interactive sounds and varying levels.
- Tested by a panel of **Senior developers** and was **ranked in top 5** of the total submissions received.

SUDOKU SOLVER | C++

July 2021

- Coded a sudoku solver using classical **back tracking** approach, which solves any valid sudoku problem.

POSITIONS OF RESPONSIBILITY

ENTREPRENEURSHIP CELL | Manager

Sep 2021 – Jun 2022

The Entrepreneurship Cell of NIT Trichy.

- Associating with seasoned mentors and VCs for E-Cell NIT Trichy's annual **Entrepreneurship Summit**.
- Facilitating interaction between **startups and mentors**, to accelerate their development.
- Hosted case study competitions, to help startups find right product-market fit.

TECHNICAL COUNCIL | Deputy Manager

Sep 2021 - Present

Wing of Students' Council for Technical Aspects

- Hosted the Asia's largest student organized cultural fest in **Metaverse**.
- Promoted the **open-source software contribution** amongst the students, and managed to help 2 students crack **Google Summer of Code**.
- Fostered the opensource contribution culture in campus, and as a result of which many students have started taking part in **Hacktoberfest**, **MLH** and other opensource events.

STUDENTS' COUNCIL | School Pupil Leader

Mar 2017 – Mar 2018

The Official Student Governing Body of Mahatma Schools

- Served as the representative of the entire student community, managed a council of 25 members and 26 clubs**, responsible for maintaining discipline, undertook social responsibility initiatives, ideated, and organized events for the student community.