Shubham Jain

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EDUCATION

Keshav Memorial Institute of Technology, Hyderabad.

B.Tech in Computer Science and Engineering

2018-2022 GPA: 8.6/10

PAGE Junior College, Hyderabad.

 ${\it Class~XII~in~MPC~(Mathematics, Physics, Chemistry)}$

2016-2018 Percentage: 97.9%

St. Joseph's Public School, Hyderabad.

Class X (Indian Certificate of Secondary Education) ICSE

2016 Percentage: 95.33%

INTERNSHIPS

Programming Intern,

January 2021-Present

Defence Research and Development Laboratory, Hyderabad

- Developed a pre-processor in C++ for 3D grid generation.
- \bullet Parallelized C/C++ based CFD code into CUDA by application of HPC paradigms and made a GUI using TKinter/PYQT5.

${\bf Team\ lead,\ Bharat Crypto Sign,}$

June 2020-September 2020

CrimeFreeBharat

• Developed a secure, reliable PHP-based website for filing and retrieving First Information Reports.

PROJECTS

Centro Inventory Management

• Developed a footwear inventory management system using MongoDB, ExpressJS, EJS and the front-end based on AdminLTE Bootstrap.

Chatbot

• Built a Chatbot using Dialogflow, Express and NodeJS for an internet service which is enabled with data retrieval and storage capabilities into MongoDB using Webhook services and also generates and stores complaint token.

2D Mesh generator

• Developed a 2D mesh generator pre-processor using C++ with a Tkinter-based GUI, that plots the mesh using matplotlib.

SKILLS

Languages: C, C++, Java, Python.

Tools/Framework: JavaScript, EJS, Express, Angular, NodeJS, HTML, CSS, Bootstrap, PHP, Tensorflow, Flask, CUDA, MongoDB, MySQL.

General: Data Structures, Algorithm, OOPs with JAVA, Data Science, Machine Learning, REST, Googling.

EXTRA CURRICULARS

Club head, Recurse, the technical club of KMIT

June,2019-June,2020

• Organized various workshops, competitions, technical activities in KMIT. Represented the club as the youngest head in the Student Council.

Member of the KMIT Student Council

June, 2019-June, 2020

• Solved student grievances and problems, have organized various events, and have played a role in decision making

Member of kMITRA, the e-magazine of KMIT

June, 2019-Present

- Writer at kMITRA, KMIT's student-run e-magazine since 2019, also a mentor, and have been the editor for multiple editions.
- Organised a fundraiser for an underprivileged school in Hyderabad.