Shubham Agrawal

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Indore, Hyderabad

EDUCATION

Master of Technology (M.Tech), Computer Science & Engineering (2019 - 2021)

IIIT Hyderabad

CGPA : 9.80/10

Bachelor of Engineering (B.E), Computer Science & Engineering (2015 - 2019)

Medi-caps Institute Of Science & Technology

CGPA : 8.80/10

XII (Senior Secondary), Science

Year of Completion: 2015

CBSE Board (St. Mary Champion School, Indore)

Percentage : 92.00%

X (Secondary)

Year of Completion: 2013

CBSE Board (St. Mary Champion School, Indore)

CGPA : 8.20/10

PROJECTS

Distributed IOT Platform for Smart Cities

Feb 2020 - May 2020

https://github.com/ShubhamAgrawal-13/Distributed_IOT_Platform

Implemented a distributed platform that provides build, development, and deployment functionalities. The platform will be able to deploy and run applications that can be used to manage a smart city. The platform is robust and fault-tolerant.

Version Control system

Oct 2019 - Nov 2019

https://github.com/ShubhamAgrawal-13/GIT-VERSION-CONTROL

Made a version control system in python capable of maintaining the different versions of the project and have basic commands like init, add, retrieve, etc.

Mini Torrent

Sep 2019 - Oct 2019

https://github.com/ShubhamAgrawal-13/P2P-file-sharing-system

Implemented a group based file sharing system where users can share, download files from the group they belong to and downloading are done in parallel with multiple pieces from multiple peers.

POSIX Shell

Aug 2019 - Sep 2019

https://github.com/ShubhamAgrawal-13/SASH-SHELL

Made a POSIX shell that can run basic shell commands and has an auto-complete feature.

Smart Home

Oct 2018 - Dec 2018

https://github.com/ShubhamAgrawal-13/Smart-Home

Made a Smart Home Automation and Security System which can be controlled via an android app.

SKILLS

C Programming	C++ Programming
Intermediate	Advanced

Java	Python
Advanced	Advanced

Apache Kafka	GitHub
Intermediate	Intermediate

Shell Scripting	HTML
Intermediate	Intermediate

CSS	JavaScript
Intermediate	Beginner

MySQL	MongoDB
Intermediate	Intermediate
Docker	Computer Networks
Intermediate	Intermediate
Database Management System (DBMS)	Data Structures
Intermediate	Intermediate
Machine Learning	
Intermediate	

WORK SAMPLES

GitHub Profile:

https://github.com/ShubhamAgrawal-13

Other Portfolio Link:

https://web.iiit.ac.in/~shubham.agrawal/

ADDITIONAL DETAILS

- Secured AIR 388 in Gate 2019 (CSE).