



JAI SINGHAL

Course : **M.E.**, Computer Science, 2021

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CGPA : 7



ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
UG	Computer Science & Engineering	Swami Keshvanand Institute of Technology Management & Gramothan(SKIT)	Rajasthan Technical University(RTU)	71.5 %	2019
CLASS XII		Vidyasthali Public School	CBSE	90.2 %	2015
CLASS X		Vidyasthali Public School	CBSE	9 CGPA	2013

Subjects / Electives	Functional Programming, Object Oriented Programming, Operating System, Data Structures & Algorithm, Databases, Theory of Computation
Technical Proficiency	Blockchain Development, Jekyll, MySQL, Python3, C++ Language, Flask, Django, Jenkins, JavaScript, Grafana, Git, Bootstrap, C Programming

SUMMER INTERNSHIP / WORK EXPERIENCE

Summer Intern, Netapp Solidfire	May 2020 - Jun 2020
<ul style="list-style-type: none"> Built a Grafana dashboard on Build Stack data. Created a Python script which collects and process system-generated messages on public slack channels 	
Django Developer, UnionsApp	Jun 2018 - Jul 2018
<ul style="list-style-type: none"> Developed an API based on Django Rest Framework for James Gatusso Reality Full Stack Development in AG Gems Jaipur website using Django/Python, Bootstrap4 	

VOLUNTEER EXPERIENCE

Pyclub - Role: Mentor/Instructor Cause: Education	Aug 2018 - Oct 2018
Mentor/Instructor of the Python Club at SKIT College.	
Code Emblaze - Role: Problem Setter and Event Organizer Cause: Education	Oct 2017 - Oct 2017
Organized National Coding Competition @ HackerEarth	
Link: https://www.hackerearth.com/challenges/college/code-emblaze/	

PROJECTS

DIGI LOCKER - Blockchain, Web development, Network Security	Apr 2020 - May 2020
<ul style="list-style-type: none"> Developed a DAPP using Ethereum Blockchain for protecting the personal documents by encryption. Provides verification of documents with ease, confidentiality, access control, data privacy, authenticity, and maintaining the integrity of the document. Github Repository: https://github.com/jai-singhal/digiLocker 	
AVYUKT - Scalable delivery task processing Web App	Jun 2019 - Jun 2019
<ul style="list-style-type: none"> Developed delivery based web app that assigns tasks from Storage Manager to Delivery Person asynchronously. Uses Message Queue and Websocket on top of the Django Framework. Github Repository: https://github.com/jai-singhal/avyukt 	
PRODUCT RECOMMENDATION SYSTEM - Machine Learning, NLP, Sentiment Analysis	Jan 2019 - Present
<ul style="list-style-type: none"> Web-Based app that recommends the best products to the consumers in each category, using Sentiment Analysis and Machine Learning. Detects fake/biased/spam reviews and excludes them while calculating the optimized rating. Features: Product Recommendation, Review Scrapping, Sentiment Analysis of Reviews, Detection of Fake Reviews. 	
ONLINE CRIME REPORTING SYSTEM - Rajasthan Hackathon 2017	Dec 2017 - Dec 2017
<ul style="list-style-type: none"> Team project with 3 others at Rajasthan Hackathon 3.0 Udaipur Features include Digitization of Records, Anonymity, Reporting of Cyber Crimes, and Crime Analytics and Statistics. Github Repository: https://github.com/jai-singhal/raj_hack2k17 	
CROMA - Web Application, Pharmacy management system	Jun 2017 - Aug 2017
<ul style="list-style-type: none"> Pharmacy Management System developed for my dad's pharmacy shop. Reverse engineered a medical software, which was previously built on VB. Apps includes Item master, Sales, and Purchase invoice, Reports, etc. Github Repository: https://github.com/jai-singhal/croma <ul style="list-style-type: none"> 24 stars, 13 forks Demo Video: https://youtu.be/x-Z_nmR70xk 	

POSITION OF RESPONSIBILITY

Graduate Teaching Assistant - BITS Pilani	Jan 2020 - May 2020
Worked as a Teaching Assistant for the CN F303 course under Dr. Ashutosh Bhatia.	
Maintainer and author - DjangoPY	Apr 2017 - Present
A blog for Django lovers, made with Jekyll	
URL: https://djangopy.org	

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
GATE 2019	Feb 3, 2019	Score:563/1000

AWARDS AND RECOGNITIONS

Blind Coder Rajasthan Hackathon 2016	May 2016
o Winner of IT Day held on Raj Hackathon1.0 Jaipur.	