



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	Object Oriented Programming, Functional Programming, Operating System, Data Structures & Algorithm, Databases, Theory of Computation
Technical Proficiency	C++ Language, Python3, Django, Jekyll, JavaScript, MySQL, Grafana, Jenkins, Flask, Git, Blockchain Development, Web Scraping, 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 RealityFull Stack Development in AG Gems Jaipur website using Django/Python, Bootstrap4	

VOLUNTEER EXPERIENCE

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

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 UdaipurFeatures 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 forksDemo 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
Blog for Django lovers, made with Jekyll	
URL: https://djangopy.org	

AWARDS AND RECOGNITIONS

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

TEST SCORES

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