



JAI SINGHAL

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CGPA : 7.89



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	Data Structures & Algorithm, Operating System, Computer Networks, Databases, Object Oriented Programming
Technical Proficiency	Python3, Django, Jekyll, JavaScript, MySQL, Grafana, Jenkins, Flask, Blockchain Development, Web Scraping, Bootstrap, C Programming, C++

SUMMER INTERNSHIP / WORK EXPERIENCE	
Summer Intern, Netapp ◦ Worked with Netapp Solidfire Team ◦ Built a Grafana dashboard of Build Stack data. ◦ Created a Python script which collects and process system-generated messages on public slack channels	May 2020 - Jun 2020
Django Developer, UnionsApp ◦ Developed an API based on Django Rest Framework for James Gatusso Reality ◦ Full Stack Development in AG Gems Jaipur website using Django/Python, Bootstrap4	Jun 2018 - Jul 2018

PROJECTS	
DIGI LOCKER - Blockchain,Web development, Network Security ◦ 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. ◦ Tools used: Python, Flask, Javascript/jQuery, web3.js, MaterialCSS, Ethereum Blockchain, Solidity ◦ Github Repository: https://github.com/jai-singhal/digiLocker	Apr 2020 - May 2020
AVYUKT - Scalable delivery task processing Web App ◦ Developed a delivery based web app that assigns tasks from Storage Manager to Delivery Person asynchronously. ◦ Uses Message Queue(RabbitMQ) and Websocket on top of the Django Framework. ◦ Github Repository: https://github.com/jai-singhal/avyukt	Jun 2019 - Jun 2019
PRODUCT RECOMMENDATION SYSTEM - B Tech Major Project ◦ Web-Based app that recommends best products to 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. ◦ Gitlab Repository: https://gitlab.com/kashishkumawat/review-signals	Jan 2019 - Present
ONLINE CRIME REPORTING SYSTEM - Rajasthan Hackathon 2017 ◦ 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	Dec 2017 - Dec 2017
CROMA - Web Application, Pharmacy management system ◦ Pharmacy Management System developed for my dad's pharmacy shop. ◦ Reverse engineered a medical software, which was previously built on VB. ◦ Apps include Item master, Sales, and Purchase invoice, Reports, etc. ◦ Github Repository: https://github.com/jai-singhal/croma ■ 24 stars ■ 13 forks ◦ Demo Video: https://youtu.be/x-Z_nmR70xk	Jun 2017 - Aug 2017

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
POSITION OF RESPONSIBILITY		
Graduate Teaching Assistant - BITS Pilani Worked as a Teaching Assistant for the CN F303 course under Dr. Ashutosh Bhatia.		Jan 2020 - May 2020
Maintainer and Author - DjangoPY Blog for Django lovers, made with Jekyll. URL: https://djangopy.org		Apr 2017 - Present
AWARDS AND RECOGNITIONS		
Blind Coder Rajasthan Hackathon 2016 ◦ Winner of IT Day held on Raj Hackathon1.0 Jaipur.		May 2016
TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE
GATE 2019	Feb 3, 2019	Score:563/1000