



JAI SINGHAL

Course : **M.E.**, Computer Science, 2021
Email : h20190021@pilani.bits-pilani.ac.in
Mobile : 9602084669
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, Theory of Computation, Operating System, Databases, Data Structures & Algorithm
Technical Proficiency	C Programming, C++ Language, Python3, Jenkins, JavaScript, MySQL, Flask, Django, Bootstrap, Grafana, Blockchain Development, Jekyll, Git

SUMMER INTERNSHIP / WORK EXPERIENCE

Summer Intern, Netapp Solidfire <ul style="list-style-type: none">Built a Grafana dashboard on Build Stack data.Collect and process system-generated messages on public slack channels	May 2020 - Jun 2020
Django Developer, UnionsApp <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	Jun 2018 - Jul 2018

VOLUNTEER EXPERIENCE

BITS Pilani - Role: Graduate Teaching Assistant Cause: Education Worked as a Teaching Assistant for the CN F303 course under Dr. Ashutosh Bhatia.	Jan 2020 - May 2020
Pyclub - Role: Mentor/Instructor Cause: Education Mentor/Instructor of the Python Club at SKIT College for nearly 3 months.	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
DjangoPY - Role: Blogger/ Developer Cause: Education A blog for Django lovers, made with Jekyll URL: https://djangopy.org	Apr 2017 - Present

PROJECTS

DIGI LOCKER - Blockchain,Web development, Network Security <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	Apr 2020 - May 2020
AVYUKT - Scalable delivery task processing Web App <ul style="list-style-type: none">Delivery web app that assigns tasks to Delivery Person by Storage Manager asynchronously.Uses Message Queue and Websocket on top of the Django Framework.Github Repository: https://github.com/jai-singhal/avyukt	Jun 2019 - Jun 2019
PRODUCT RECOMMENDATION SYSTEM - Machine Learning, NLP, Sentiment Analysis <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.	Jan 2019 - Present
ONLINE CRIME REPORTING SYSTEM - Rajasthan Hackathon 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	Dec 2017 - Dec 2017
CROMA - Web Application, Pharmacy management system <ul style="list-style-type: none">Pharmacy Management System developed for my father's pharmacy shop. Currently, it is deployed to the shop's PC.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 forksDemo Video: https://youtu.be/x-Z_nmR70xk	Jun 2017 - Aug 2017

AWARDS AND RECOGNITIONS

Blind Coder Rajasthan Hackathon 2016 <ul style="list-style-type: none">Winner of IT Day held on Raj Hackathon1.0 Jaipur.	May 2016
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