



## 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

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

### SUMMER INTERNSHIP / WORK EXPERIENCE

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

### VOLUNTEER EXPERIENCE

<b>BITS Pilani</b> - Role: Graduate Teaching Assistant   Cause: Education Worked as a Teaching Assistant for the CN F303 course under Dr. Ashutosh Bhatia.	<b>Jan 2020 - May 2020</b>
<b>Pyclub</b> - Role: Mentor/Instructor   Cause: Education Mentor/Instructor of the Python Club at SKIT College for nearly 3 months.	<b>Aug 2018 - Oct 2018</b>
<b>Code Emblaze</b> - Role: Problem Setter and Event Organizer   Cause: Education Organized National Coding Competition @ HackerEarth Link: <a href="https://www.hackerearth.com/challenges/college/code-emblaze/">https://www.hackerearth.com/challenges/college/code-emblaze/</a>	<b>Oct 2017 - Oct 2017</b>
<b>DjangoPY</b> - Role: Blogger/ Developer   Cause: Education A blog for Django lovers, made with Jekyll URL: <a href="https://djangopy.org">https://djangopy.org</a>	<b>Apr 2017 - Present</b>

### PROJECTS

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

### AWARDS AND RECOGNITIONS

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