

**VATSAL AGARWAL**Course : **B.E. (Hons.)**, Electronics and Instrumentation, 2022Email : f20180442@goa.bits-pilani.ac.in

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CGPA : 7.06



COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Physical Education	Mahatma Hansraj Public School	CBSE	94.2 %	2018
CLASS X	Computer Science	Christ The king College, Convent School	ICSE	92.6 %	2016

Subjects / Electives	Data Structures and Algorithms, Web Development with MEVN stack, Coding Blocks - Competitive Programming, Web Development - Bootcamp (Django, Python), Object Oriented Programming
Technical Proficiency	Object-Oriented Programming (OOP), Django, Java, Python, Vue.js, Flask, Node.js, API, Competitive Programming, C++ Language, Problem Solving, Node Package Manager, JavaScript, Networking, Algorithms, Data Structures, C Programming

SUMMER INTERNSHIP / WORK EXPERIENCE	
Software Developer, Asanify Technologies <ul style="list-style-type: none"> Synthesized 5+ projects using technologies like Vue.js, Vuex, Vue-Router, Vuetify, python, Flask, git, pandas. Implemented Cloud-Engineering features involving automatic route triggering using AWS Simple Notification Service (SNS), and storing data in AWS S3. Used boto3 library in python to generate signed AWS S3 URLS, for file stream or data transfer between server and AWS Cloud. Integrated end-to-end, Segment Analytics.js 2.0 API in Vuejs to understand user preference for different website features. Rebuilt 2 year old SaaS product with Vuejs 3 and Vuex with full UI / UX redesign to release beta MVP in 1 month. 	Jul 2021 - Dec 2021
Software Developer, Lenest India <ul style="list-style-type: none"> Redesigned the official website hosted on Wordpress and integrated several plugins like wpforms,google analytics to improve the existing features resulting in enhancement of the user experience and better visibility. Received the Letter Of Recommendation by Chief Medical Officer for exceptional contribution. 	May 2020 - Jun 2020

PROJECTS	
PDF Document Generation - Software Development <ul style="list-style-type: none"> Engineered and developed the route and API to automate the generation of dynamic PDF according to the JSON key value pairs and word document (base64 encoded request or URL) received, using python-docx library (to edit the contents of the file). Utilized an API to convert Base64 encoded word document to PDF format in python backend and used Python boto3 AWS SDK for successful data transfer between server and AWS Cloud. 	Jul 2021 - Aug 2021
FlatFile CSV Importer - Data Import and Validation <ul style="list-style-type: none"> Simplified the client onboarding process by integrating Flatfile CSV Importer (Portal) component for Vue.js in the current workflow. Enhanced customization by adding functionality to map the fields from user's perspective to the ones required by the server. Added custom validations for records and columns with respect to database fields. 	Oct 2021 - Oct 2021
My Short Site - API Development <ul style="list-style-type: none"> Developed and Coded the server in Node.js which maps the URL to alphanumeric string. The database used is mongoDB using Mongoosejs as the Object Relational Mapper. For frontend, the template engine used is Embedded Javascript Templating (ejs). Github Link. 	Aug 2019 - Aug 2019
Personal Portfolio - Web Development <ul style="list-style-type: none"> Designed and developed responsive Personal Portfolio website Using react and swiper.js Have implemented light and dark mode. Github Link. 	Dec 2021 - Dec 2021

COMPETITIVE CODING PLATFORM RATINGS	
Codechef March Lunchtime - Rank 47 Codechef I achieved rank 47 in Codechef Lunchtime in March 2021.	Mar 2021
Codechef - 1895 (4 Star Coder) Codechef I achieved my highest rating i.e 1895 (purple or 4 star coder) on codechef after a Division 2 contest. Codechef Profile .	Apr 2021
Codeforces - 1554 (Blue Coder, Specialist) Codeforces Have solved more than 450 problems on codeforces and I achieved my highest codeforces rating i.e 1554 after Codeforces Round 726, Division 2. Codeforces Profile .	May 2021

POSITION OF RESPONSIBILITY	
MATKA Coordinator - Quark Controls <ul style="list-style-type: none"> Spearheaded a team of 10+ members to successfully deliver an online gaming competition with 50+ participating teams. Successfully orchestrated a sponsorship deal of 47000 Rs for the competition by negotiating with 15+ companies. 	May 2020 - May 2021