

Manav Mehta

mmanavp10@gmail.com — +91 82713 17697 — [linkedin.com/in/manavaa](https://www.linkedin.com/in/manavaa) — github.com/manava10

Professional Summary

Ambitious Computer Science undergraduate with hands-on experience building scalable web applications, real-time systems, and deep learning models. Proficient in full-stack JavaScript (MERN), cloud deployments on AWS and DigitalOcean, and machine learning frameworks. Strong problem-solving skills demonstrated through competitive programming and real-world projects.

Education

VIT-AP University, Amaravati

B.Tech in Computer Science; CGPA: 8.77/10

Sept 2022 – Aug 2026

Sri Viswasanthi Educational Institutions

Class XII (CBSE); 95.2%

Sri Viswasanthi Educational Institutions

Class X (CBSE); 96.2%

Technical Skills

Programming Languages: Python, Java, JavaScript, SQL, HTML, CSS

Web Development: Frontend Development (React, HTML, CSS, JavaScript), Backend Development (Node.js, Express), REST APIs, Socket.io

Databases: MongoDB, MySQL

Cloud & Deployment: AWS (EC2, SES), DigitalOcean, Netlify, Render, CI/CD

Machine Learning & AI: TensorFlow, PyTorch, Keras, CNN, Transfer Learning, Generative AI

Tools: Git, GitHub, VS Code, IntelliJ, PyCharm, Linux

Projects

FoodFreaky - Full-Stack Food Delivery Web App

Sept 2025

React, Node.js, Express, MongoDB, AWS, DigitalOcean — Live Demo

- Engineered a MERN-stack platform with role-based JWT authentication (User, Admin).
- Deployed frontend on Netlify and backend on DigitalOcean; configured CI/CD pipelines, CORS, and secure environment variables.
- Implemented a dynamic shopping cart using React Context API and a robust REST API for full CRUD operations.
- Automated PDF invoice generation and email delivery using AWS SES and server-side PDF tooling.

Real-Time Anonymous Chat Platform

June 2025

Node.js, Express, Socket.io, AWS EC2 — Live Demo

- Designed and scaled a real-time chat system supporting 50,000+ concurrent users with load-tested WebSockets.
- Implemented encrypted messaging over Socket.io and deployed resilient backend services on AWS EC2 with autoscaling considerations.

Emotion Detection using CNN and VGG16

Mar 2025

Python, TensorFlow, Keras — GitHub

- Engineered a facial emotion detection pipeline using CNN and VGG16 transfer learning for feature extraction.
- Executed data preprocessing, augmentation, and model evaluation; achieved 90%+ accuracy on benchmark datasets and optimized inference latency.

Experience

Chegg Inc.

Mar 2023 – May 2024

Subject Matter Expert — Advanced Mathematics (Remote)

- Delivered 300+ advanced math solutions (Calculus, Linear Algebra) with an average student rating of 4.9/5.
- Collaborated in an agile environment to ensure accuracy, clarity, and timely delivery of solutions.
- Mentored new contributors on best practices for problem-solving and solution formatting.

Achievements

- Solved 450+ DSA problems on LeetCode; Contest Rating 1700 (Top ~20%).
- Built a subject-wise question bank web application leveraging generative AI techniques.

Certifications

- **MERN Full-Stack Developer**, Blackbucks (2025) – Certificate
- **MongoDB Certified Developer**, MongoDB University (2025)

Relevant Coursework

- Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Deep Learning

Languages

- English (Fluent), Hindi (Native), Telugu (Intermediate)



VIT-AP
UNIVERSITY

CONSOLIDATED TRANSCRIPT

Reg.No: 22BCE7785

Name: MANAV MEHTA

Admitted Year: 2022

Programme & Branch: B.Tech. - Computer Science and Engineering

Course Code	Course Title	Course Type	Credits	Grade	Exam Held
CSE1012	Problem Solving using Python	ETL	4	B	Jan-2023
ECE1002	Fundamentals of Electrical and Electronics Engineering	ETL	4	A	Jan-2023
MAT1001	Calculus for Engineers	ETL	4	S	Jan-2023
PHY1008	Modern Physics	ETL	4	A	Jan-2023
ENG1001	English for Essential Communication	ETL	3	A	Jan-2023
STS1004	Introduction to Problem Solving	P	3	A	Jan-2023
CHY1009	Chemistry and Environmental Studies	ETL	4	B	Jun-2023
CSE2005	Object Oriented Programming	ETL	4	F	Jun-2023
ECE1003	Digital Logic Design	ETL	4	B	Jun-2023
MAT1002	Applications of Differential and Difference Equations	T	4	A	Jun-2023
ENG1002	English for Effective Communication	ETL	3	B	Jun-2023
STS1009	Introduction to Quantitative, Logical and Verbal Ability	P	3	A	Jun-2023
CSE2001	Data Structures and Algorithms	ETL	4	B	Nov-2023
ECE2002	Computer Organization and Architecture	T	4	B	Nov-2023
MAT1003	Discrete Mathematical Structures	T	4	S	Nov-2023
LAW1005	Introduction to Indian Constitution	T	3	S	Nov-2023
MAT2005	Linear Algebra	T	3	C	Nov-2023
STS2008	Numerical Ability and Cognitive Intelligence	P	3	B	Nov-2023
ECS1002	Engineering Clinics - Raspberry Pi using Python	P	2	S	Nov-2023
CSE2007	Database Management Systems	ETL	4	A	May-2024
CSE3003	Computer Networks	ETL	4	B	May-2024
MAT1011	Applied Statistics	ETL	4	S	May-2024
CSE1006	Foundations for Data Analytics	ETL	3	A	May-2024
LAW1003	Human Rights and Criminal Justice System	T	3	A	May-2024
STS2007	Enhancing Problem Solving Skills	P	3	B	May-2024
MGT1040	Entrepreneurship	T	2	B	May-2024
CSE2001	Data Structures and Algorithms	ETL	4	S	Jun-2024
CSE2005	Object Oriented Programming	ETL	4	S	Jun-2024
CSE1005	Software Engineering	ETL	4	B	Nov-2024





VIT-AP
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CSE2008	Operating Systems	ETL	4	B	Nov-2024
CSE3008	Introduction to Machine Learning	ETL	4	A	Nov-2024
CSE2025	AWS Solution Architecture	T	3	C	Nov-2024
STS3007	Advanced Competitive Coding - I	P	3	B	Nov-2024
TEC3001	Design Thinking	T	3	A	Nov-2024
MGT1001	Ethics and Values	P	2	P	Nov-2024
CSE1008	Theory of Computation	T	4	A	Apr-2025
CSE3004	Design and Analysis of Algorithms	ETL	4	B	Apr-2025
CSE3009	NoSQL Databases	ETL	4	B	Apr-2025
CSE4006	Deep Learning	ETP	4	B	Apr-2025
MAT2003	Optimization Techniques	ETL	4	B	Apr-2025
STS4006	Advanced Competitive Coding - II	P	3	B	Apr-2025
ECS3001	Engineering Clinics - II	P	2	S	Apr-2025
EXC1033	Hindi Association	P	2	P	Apr-2025
CSE2025	AWS Solution Architecture	T	3	A	Jun-2025
MAT2005	Linear Algebra	T	3	S	Jun-2025

Credits Registered : 140.0

Credits Earned : 140.0

CGPA : 8.77

The Medium of instruction is English.

Abbreviations : T - Theory; P - Practical/Project; ETL - Embedded Theory and Laboratory; ETP - Embedded Theory and Project; ETL P - Embedded Theory, Laboratory and Project

Grading System : A letter grade on ten point scale is awarded to a student in a course based on the total marks obtained from Assessment Tests

Letter Grade	S	A	B	C	D	E	F
Grade Point	10	9	8	7	6	5	0
F Grade	Failed in a Course						
P Grade	Passed in a Pass/Fail course						
U Grade	Successfully Completed an Audit Course						
N Grade	Course Incomplete						
W	Course Withdrawn						

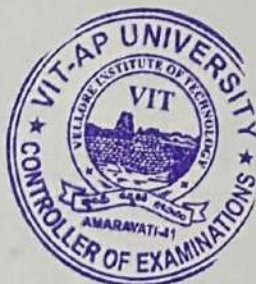
Grades S, A, B, C, D, E, P and U indicate successful completion of the Course

CGPA Calculation: CGPA is obtained by dividing the sum of product of Grade Point (GPi) earned and Credits (Ci) of a registered course for 'n' number of courses by total number of credits registered

$$\frac{\sum_{i=1}^n C_i \times GP_i}{\sum_{i=1}^n C_i}$$

N, W, P and U Grades are not counted for the calculation of GPA and CGPA.

*Additional course registered by the candidate beyond the curriculum requirement, and is not included in final CGPA calculation.



(Signature)

Controller of Examinations

Date: 07-Oct-2025

Page 2 of 2

VIT-AP University, Beside AP Secretariat, Near Vijayawada, Andhra Pradesh-522237
Phone: 91-863-2370957, E-mail: coe@vitap.ac.in / transcript.services@vitap.ac.in, Web: www.vitap.ac.in

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अंक संख्या /
S.No. 0817711/2021

0817711

रजि. नं.
Regn.No.

M221/57066/0159

केन्द्रीय माध्यमिक शिक्षा बोर्ड
CENTRAL BOARD OF SECONDARY EDUCATION
अंक विवरणिका सह प्रमाण पत्र
MARKS STATEMENT CUM CERTIFICATE
सीनियर स्कूल सर्टिफिकेट परीक्षा, 2021
SENIOR SCHOOL CERTIFICATE EXAMINATION, 2021



यह प्रमाणित किया जाता है कि

This is to certify that **MANAV MEHTA**

अनुक्रमांक

Roll No. **20604510**

माता का नाम

Mother's Name **BIBHA KUMARI**

पिता/संरक्षक का नाम

Father's / Guardian's Name **ASHISH KUMAR DEO**

विद्यालय

School **57066 VISWASANTHI EM HIGH SCH GANDIGUNTA KRISHNA DT AP**

की शैक्षणिक उपलब्धियां निम्नानुसार हैं has achieved Scholastic Achievements as under :

विषय कोड SUB. CODE	विषय SUBJECT	प्राप्तांक MARKS OBTAINED				स्थितीय ग्रेड POSITIONAL GRADE
		लिखित THEORY	प्रा./PR. आं.मू./IA	योग TOTAL	योग (शब्दों में) TOTAL (IN WORDS)	
301	ENGLISH CORE	077	020	097	NINETY SEVEN	A1
041	MATHEMATICS	076	020	096	NINETY SIX	A1
042	PHYSICS	066	030	096	NINETY SIX	A1
043	CHEMISTRY	065	030	095	NINETY FIVE	A1
048	PHYSICAL EDUCATION	064	030	094	NINETY FOUR	A1
500	WORK EXPERIENCE					A1
502	HEALTH & PHYSICAL EDUCATION					A1
503	GENERAL STUDIES					A1

संक्षिप्तों का अर्थ : Abbreviations

AB : अनुपस्थित Absent

IA : आंतरिक मूल्यांकन Internal Assessment

प्रा./PR. : प्रायोगिक/Practical

ER : अनिवार्य पुनरावृत्ति सभी विषयों में Essential Repeat in all subjects

परिणाम Result **PASS**

दिल्ली Delhi

दिनांक Dated : **30-07-2021**

परीक्षा नियंत्रक
Controller of Examinations

सह-शैक्षिक उपलब्धियां : सह-शैक्षिक एवं अनुशासन क्षेत्र में ग्रेडिंग विद्यालय द्वारा अपने स्तर पर बोर्ड द्वारा जारी प्रारूपनुसार प्रदान की जाती है।

Co-Scholastic achievements : Grading for Co-Scholastic and Discipline area is being issued by the school as per format prescribed by the Board.

परिवर्तित विषय कोड में, परीक्षा परिणाम 100 अंकों के अंतर्गत दिया गया है।

In the changed subject code, the test result is given under 100 marks.



केन्द्रीय माध्यमिक शिक्षा बोर्ड
CENTRAL BOARD OF SECONDARY EDUCATION

अंक विवरणिका सह प्रमाण पत्र
MARKS STATEMENT CUM CERTIFICATE

माध्यमिक विद्यालय परीक्षा, 2019

ALL INDIA SECONDARY SCHOOL EXAMINATION, 2019



यह प्रमाणित किया जाता है कि This is to certify that **MANAV MEHTA**

अनुक्रमांक Roll No. **4141115**

माता का नाम Mother's Name **BIBHA KUMARI**

पिता/संरक्षक का नाम Father's / Guardian's Name **ASHISH KUMAR DEO**

जन्म तिथि Date of Birth **10/12/2004 10TH DECEMBER TWO THOUSAND FOUR**

विद्यालय School **40107-VISWASANTHI EM HIGH SCH GANDIGUNTA KRISHNA DT AP**

की शैक्षणिक उपलब्धियां निम्नानुसार हैं has achieved Scholastic Achievements as under :

विषय कोड SUB. CODE	विषय SUBJECT	प्राप्तांक MARKS OBTAINED				स्थितीय ग्रेड POSITIONAL GRADE
		लिखित THEORY	आं. मू. IA/ प्र. प्र.	योग TOTAL	योग (शब्दों में) TOTAL (IN WORDS)	
101	ENGLISH COMM.	071	020	091	NINETY ONE	A2
085	HINDI COURSE-B	080	020	100	ONE HUNDRED	A1
041	MATHEMATICS	075	020	095	NINETY FIVE	A1
086	SCIENCE	075	020	095	NINETY FIVE	A1
087	SOCIAL SCIENCE	079	020	099	NINETY NINE	A1

संक्षिप्तों का अर्थ : Abbreviations

AB : अनुपस्थित Absent

आं. मू. : आंतरिक मूल्यांकन

IA : Internal Assessment

प्र. / PR. : प्रायोगिक/Practical

परिणाम Result **PASS**

दिल्ली Delhi

दिनांक Dated : **06/05/2019 - 15/06/2019**

(Signature)

परीक्षा नियंत्रक
Controller of Examinations

सह-शैक्षणिक उपलब्धियां : सह-शैक्षणिक एवम अनुशासन क्षेत्र में ग्रेडिंग विद्यालय द्वारा अपने स्तर पर बोर्ड द्वारा जारी प्रारूपानुसार प्रदान की जाती है।
Co-Scholastic achievements : Grading for Co-Scholastic and Discipline area is being issued by the school as per format prescribed by the Board.

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भारत सरकार
Government of India



Aadhaar no. issued: 22/04/2017



मानव मेहता
Manav Mehta
जन्म तिथि/DOB: 10/12/2004
पुरुष/ MALE

आधार पहचान का प्रमाण है, नागरिकता या जन्मतिथि का नहीं।
इसका उपयोग सत्यापन (ऑनलाइन प्रमाणीकरण, या क्यूआर कोड/
ऑफ़लाइन एक्सएमएल की स्कैनिंग) के साथ किया जाना चाहिए।
**Aadhaar is proof of identity, not of citizenship
or date of birth.** It should be used with verification (online
authentication, or scanning of QR code / offline XML).

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मेरा आधार, मेरी पहचान

Entities seeking Aadhaar are obligated to seek consent.



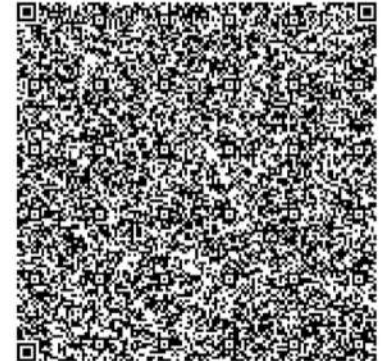
भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India



Details as on: 26/09/2025

पता:
आत्मज: आशीष कुमार देव, नीरपुर, बरियारपुर, बरियारपुर,
मुंगेर,
बिहार - 811211

Address:
S/O: Ashish Kumar Deo, nirpur, Bariarpur, PO:
Bariarpur, DIST: Munger,
Bihar - 811211



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VID : 9126 8289 4746 4795

1947

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