



ACADEMIC DETAILS			
B. Tech. Computer Science and Engineering	National Institute of Technology, Andhra Pradesh	8.48 CGPA	Dec 2021- present
Andhra Pradesh Board of Intermediate Education (BIEAP) (CLASS XII)	FIITJEE Junior College	981 MARKS	May 2021
Andhra Pradesh Board of Secondary Education(BSEAP) (CLASS X)	Sikhara EM High School	10 CGPA	April 2019
ABOUT ME			
A proficient MERN Stack Developer from NIT Andhra Pradesh with a strong foundation on web technologies, including Node.js, Express.js, and has hands-on experience in building websites using JavaScript frameworks like React.js and also using HTML, CSS. Experienced in SQL, PHP and also MongoDB. My interests also extend to data science and deep learning technologies. Skilled in Python programming, sci-kit learn, Matplotlib and other machine learning libraries. Excited to apply analytical prowess and problem-solving instincts to real-world challenges.			
SUBJECTS			
Electives	Deep Learning in Natural Language Processing, Applied Machine Learning, Business English for Communication, Soft Skills.		
Technical Proficiency	Web Development using MERN, Machine Learning, Python, PyTorch, NumPy, Pandas, Matplotlib, Scikit-learn, Version Control, C++, Java, C, JavaScript, SQL, HTML, CSS.		
PROJECTS			
Portfolio Website	<ul style="list-style-type: none">Designed an intuitive and responsive user interface to showcase projects and skills.Implemented dynamic content loading and contact form integration. GitHub Repository: https://github.com/nikshipta-20/portfolio Website URL: https://nikshipta-portfolio.netlify.app		May 2024
Outlier Detection using Scalable Spectral Clustering with Group Fairness Constraints	<ul style="list-style-type: none">Developed Scalable FairSC (s-FairSC), an efficient algorithm for detecting anomalies in data while ensuring equity in clustering outcomes.Incorporated techniques such as Hotelling’s deflation and nullspace projection to address scalability limitations from previous algorithms like FairSC, resulting in significant computational efficiency improvements.Compared s-FairSC against FairSC and popular spectral-based outlier detection tools,, while s-FairSC being 12 times faster for reasonable dataset sizes.Implemented outlier detection strategy combining k-nearest neighbor (kNN) with s-FairSC, with Lymphography dataset. GitHub Repository: https://github.com/nikshipta-20/outlierdetection-sfsc		Feb 2024 - May 2024
FitHub – An Online Fitness Web Application	<ul style="list-style-type: none">Developed FitHub, using React.js for frontend, enabling dynamic user interfaces and seamless navigation.Employed Node.js and Express.js on the backend to manage user authentication, program creation and group management for the users, ensuring robust operations.Used MongoDB, a NoSQL database, for efficient data storage and management, supporting user profiles, workout programs and group data.Third party API – ExerciseAPI to provide data related to exercises.Implemented real-time video conferencing features using ZegoCloud API, enabling users to engage in live workout sessions with virtual workout groups. GitHub Repository: https://github.com/nikshipta-20/fithub		Feb 2024 - Apr 2024
World Clock	<ul style="list-style-type: none">Views the current time for various countries by clicking on corresponding SVG icons.Implemented real-time updates to ensure accurate time display for each city, taking into account time zone differences and daylight saving time changes. GitHub Repository: https://github.com/nikshipta-20/world-clock Website URL: https://the-worldclock.netlify.app		Aug 2023 - Sep 2023

Complaint Hub – NIT AP's Complaint Portal Web Application	<ul style="list-style-type: none">• Aims at addressing student grievances effectively and efficiently.• Used a user-friendly interface to enable students to register, login, and file complaints easily, while also allowing them to track the status of their complaints in real-time.• Implemented backend functionalities using Node.js and Express.js to manage user authentication, complaint submission, and departmental dashboards for efficient complaint resolution.• Leveraged MySQL as an SQL database to store and manage complaints data.• Integrated features like anonymous reporting, complaint categorization, prioritization based on up-votes and dashboard access for department admins, enhancing transparency in addressing student grievances. <p>GitHub Repository: https://github.com/nikshipta-20/complaint</p> <p>Website URL: https://complaintco-nitap.onrender.com</p>	Feb 2023 - Apr 2023
AWARDS		
National Talent Search Examination	Qualified the 2 nd level of National Talent Search Examination (NTSE) conducted by NCERT, India, in 2019.	2019
CERTIFICATIONS		
Data Structures and Algorithms CodeHelp	<ul style="list-style-type: none">• Successfully completed a rigorous 6 month course on Data Structures and Algorithms offered by CodeHelp.• Engaged in in-depth study and practical exercises covering essential topics such as arrays, linked lists, stacks, queues, trees, graphs, sorting algorithms, searching algorithms, and dynamic programming.• Applied theoretical concepts learned during the course to solve real-world problems and coding challenges.	
Full Stack Development Udemy	<ul style="list-style-type: none">• Successfully completed a comprehensive 400 lecture Full Stack Web Development course on Udemy.• Gained proficiency on front-end and back-end development technologies, covered concepts such as HTML, CSS, JS, API integration, DBMS, Node.js, Express.js, React.js, etc.	
C language Programming Udemy	<ul style="list-style-type: none">• Successfully completed a comprehensive 400 lecture course on C programming.• Gained proficiency in key concepts such as pointers, dynamic space allocation and real-world applications based on C language.	
POSITIONS OF RESPONSIBILITY		
Joint Secretary Prayatnam Society NIT Andhra Pradesh	<ul style="list-style-type: none">• Organized visits to local old age homes, providing clothing donations and companionship to residents.• Responsible for the member of Content and Design team of the Prayatnam Society maintaining a perfect work environment to create flawless design arts.• Offered guidance and support to children in underserved schools, assisting with academic.• Optimizing everything in every event in and out.• Led a team of volunteers in planning and executing events, fundraisers, and outreach programs to maximize impact and reach within the community.• Work allotment among the juniors for smooth going of fests	Sept. 2022 - Present
Joint Secretary Brindavanam Club NIT Andhra Pradesh	<ul style="list-style-type: none">• Served as a Coordinator of many events conducted by Brindavanam, such as Plant Propagation, Art with Leaves.• Worked as a member of Creation team, which mainly focusses on poster designing and content writing.• Took a lead in designing and content writing for Nakshatra Vanam event, which is a 9-day event where it describes about each and every plant in the Nakshatra Vanam (ritual garden).	Sept. 2022 - Present
LANGUAGES		
English, Hindi, Telugu		
BASIC INFORMATION		
Mobile Number: 8074423201	Address: Qr. No. JE- 293, A – Colony, Ibrahimpatnam, Dr. NTPS, Vijayawada - 521456	Email: nikshipta20@gmail.com



National Institute of Technology Andhra Pradesh

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Academic Result

Specialization	B.Tech	Branch	Computer Science & Engineering
Roll no.	421235	Semester	5
Name	PAPPU NIKSHIPTA	Exam held in	Dec-2023
Sub.Code	Subject Name	Credit(s)	Grade
CS301	Language Processors	3	A
CS302	Theory and Design of Programming Languages	4	A
CS303	Artificial Intelligence	3	B
CS304	Artificial intelligence Lab	2	A
EC337	Microprocessors	4	A
HS340	Soft Skills	3	A

Semester Grade Point Average (SGPA) 8.84

Cumulative Grade Point Average (CGPA) 8.41

****DISCLAIMER:** There could be some slips in the grade calculation, the GRADE REPORT issued by the Academic Section will be final. Also, these Results are meant for Student Information and are not meant to be the GRADE REPORTS

Any discrepancies in the calculation of the CGPA must be brought to the notice of exam section within 15 days of publication of results in the student portal. As exam section is currently busy with conduction of II & III B. Tech. examinations students are requested to restrain from calling examination section. All such requests can be communicated through mail to ad_exams@nitandhra.ac.in



