

**PRANAY NANDAN VARSHNEY**Course : **B.E. (Hons.)**, Computer Science, 2024

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CGPA : 9.05

**ACADEMIC DETAILS**

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	Blue Bells Public School, Sector 10, Gurgaon	CBSE	93.6 %	2020
CLASS X		Blue Bells Public School, Sector 10, Gurgaon	CBSE	93 %	2018

Subjects / Electives	Operating Systems, Computer Networks, Data Structures and Algorithm, Data Storage and Networking, Object Oriented Programming, Database Management Systems, Compiler Construction, Computer Architecture, Discrete mathematics for Computer Science
Technical Proficiency	C++, Docker, Node.js, C#.NET development, C Programming, Java, Github, Python, Git, Express, Machine Learning, C#, MongoDB, SQL, Solidity (Ethereum), React.js, JavaScript, NumPy

SUMMER INTERNSHIP / WORK EXPERIENCE

Software Development Intern, Qualcomm	May 2023 - Aug 2023
Containerized crucial microservices for the company's enterprise-level integrated automation system. Ensured high availability and scalability of the system and enhanced several other parts of the microservice, including log accumulation and forwarding to Splunk with alerts on failures. Designed and implemented key endpoints for the core tool API. Deployed globally on cluster using Kubernetes.	
Machine Learning Intern, National Center For Polar and Ocean Research	May 2022 - Jul 2022
Development of machine learning models for detecting and predicting weather patterns in polar areas. Worked with <i>support vector machines</i> from the <i>scikit-learn</i> library with several multi-variate features such as temperature, relative humidity, wind speed, pressure etc. for forecasting and nowcasting.	

PROJECTS

NFT warranty system for E-commerce - Blockchain and Web development	Jul 2022 - Aug 2022
The objective of our product is to replace the physical warranty and have blockchain based warranty using a decaying NFT which will ensure authenticity and security. GitHub repository - https://github.com/pranayvarshney/Flipkart-Grid . Video Demonstration - <link>	
BGIIES Official Website - Web Development	Jan 2023 - Mar 2023
Designed and deployed a website for BITS Goa Innovation, Incubation & Entrepreneurship Society (BGIIES). Learned how to create a professional and user-friendly website for a business incubator. Link - http://bgiies.com/	
Auto Diamond Pattern Converter for smart contracts - Software Engineering	Jan 2023 - Mar 2023
Developed a tool for bringing upgradeability and mutability to smart contracts in a user friendly manner. The tool simplifies the process of writing upgradable and mutable smart contracts for beginners.	
Food ordering app - Web Development	Aug 2021 - Aug 2021
GitHub - pranayvarshney/foodApp Restaurant App created using MongoDB , React , Express and Node. Full fledged food ordering app with : industry features such as login , cart operations , filter and search operations etc.	

POSITION OF RESPONSIBILITY

Teaching Assistant for Computer Architecture Course - BITS, GOA	Jan 2023 - May 2023
Teaching Assistant for OOP Course - BITS, GOA	Sep 2022 - Dec 2022
Teaching Instructor - Web Development - Center of Technical Education, BITS Goa	Apr 2022 - Dec 2022

AWARDS AND RECOGNITIONS

Merit Cum Need Scholarship BITS Pilani Goa Campus	Apr 2023
Merit Scholarship BITS Pilani Goa Campus	Apr 2022

COMPETITIONS

TechWeeknd CTF	Mar, 2023
2nd Prize in Capture The Flag	