

Nithin Aravapalli

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EDUCATION

MS in Information Technology

Expected December 2025

University of North Carolina at Charlotte (UNCC), USA

Relevant Courses: Human centred Design, Network based Development, Information Security, Software Design and integration.

Bachelor's in Computer Science and Technology

May 2024

SRM Institute of science and technology, Chennai, India

GPA: 8.6/10

Relevant Courses: Object Oriented Programming, Data Structures and algorithm, Computer Network, Operating Systems, Artificial Intelligence, Machin learning, Full stack Development.

TECHNICAL SKILLS

Programming	: Java, JavaScript, SQL, C++, PHP
Web and Frameworks	: HTML5, Bootstrap, JavaScript, CSS, Reactjs, Nodejs.
Databases/Tools	: Git, MySQL, MongoDB, SQL.
Courses	: Microsoft Office, Database Management, Linux/Unix.
Relevant Skills	: Agile Methodologies, Problem-solving, communication, presentation skills.

PROFESSIONAL EXPERIENCE

Full Stack Intern, BrainMint, Chennai

February 2023 - July 2023

- Demonstrated my skills by designing user interfaces for the company's website and ERP system using agile development.
- Used various frontend frameworks, Java in development and effectively managed data databases.
- Used Git and GitHub for work collaboration across teams for version control.

Vice President, TechPro Club, Chennai

December 2021 - June 2024

- Led and mentored 400+ students, by leveraging my knowledge to plan strategic innovative technical workshops and programs on Machine Learning, UI/UX.
- Showcased my creativity and leadership by organizing large-scale events like Cyber Carnival'23 and Texus'23, using my project coordination skills with participants from 15 universities across Tamil Nadu.

ACADEMIC PROJECTS

E-commerce Web application || Current

- Built a website which enables customers to browse and order products and a seller platform allowing vendors to list and sell.
- Designed a responsive, user-friendly interface ensuring an optimal experience across devices.
- Incorporated features like real-time inventory updates, order tracking, and product management for sellers.

DogDate Web application || Fall 2021

- Built a Tinder-inspired web application using full-stack technologies and various frameworks.
- The project involved implementing user authentication, profile management, and real-time matchmaking features.

Algal Bloom Detection using Machine learning || Fall 2023

Using machine learning algorithms, trained an algorithm to detect and analyse amount of algal bloom present in water bodies using remote sensing images and various datasets, demonstrating strong analytical and quantitative research skills.

AWARDS AND ACHIEVEMENTS

- Outstanding Intern of The Month Award - Brainmint Company, May 2023.
- Developed more than five Web Application projects during my undergrad.
- Best Event Organizer Certificate - Cyber Carnival 2023.

RESEARCH & PUBLICATIONS: Published a research paper on Machine Learning techniques for Algal Bloom Detection, May 2024.