

# VINIT MEPANI

+1(732) 964-5662 ◇ New Brunswick, NJ

◇ [Email](#) ◇ [Linkedin](#) ◇ [Portfolio](#)

## OBJECTIVE

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Versatile and results-driven Full Stack Developer with hands-on experience in Flutter, Dart, React, Next.js, and Node.js, along with a strong foundation in core programming languages like C, C++, Java, and Python. Looking for a full-time software development role where I can contribute to the construction of scalable, efficient and user-friendly applications while continuing to grow in a collaborative, fast-paced environment.

## EDUCATION

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**Master of Computer Science**, Rutgers University - New Brunswick

Expected Dec - 2026

Relevant Coursework:

- INTRO TO AI
- DATABASE SYSTEMS FOR DATA SCIENCE
- INTRODUCTION TO DATA STRUCTURES AND ALGORITHMS

**Bachelor of Science, Information and Technology**, Bhagwan Mahavir University

2020 - 2023

- Actively involved in PIXELS, ATRANG, Spandan and BMU STREET, key technical and cultural societies at BMU.
- Top 1% in BSc IT - Elite Performer
- GPA: 8.98/10.00
- Mukhyamantri Yuva Swavalamban Yojana Scholarship Recipient
- BMU Student Core Committee Member

## SKILLS

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<b>Frontend</b>	Flutter, Dart, React.js, Next.js, HTML, CSS, JavaScript
<b>Backend</b>	Node.js, Express.js (optional), REST APIs
<b>Programming</b>	C, C++, Java, Python
<b>Database/Other</b>	MySQL, Firebase, Git/GitHub
<b>Tools/Platforms</b>	Vercel, Postman, Visual Studio Code, GitHub Pages

## EXPERIENCE

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**Part-Time Web Application Developer, School of Social Work,**

June 2025 – Present

Rutgers University – New Brunswick

- Collaborating with the Institute for Families team to develop and maintain a Learning Management System (LMS) platform for the School of Social Work.
- Working with the Moodle platform and MODU database to manage user progress, learning modules, and performance metrics.
- Designing and developing custom features using PHP and enhancing back-end logic, user authentication, and database operations with MySQL.
- Assisting in UI/UX improvements and ensuring responsive, cross-browser-compatible front-end using PHP and JavaScript.
- Actively participating in agile development cycles, including code reviews, sprint planning, and feature testing.
- Supporting deployment, maintenance, and troubleshooting of the LMS across multiple environments.

**Student Programmer, Rutgers University Department of Computer Science**  
New Brunswick, NJ (On-site)

May 2025 – Present

- Working under Prof. James Abello to develop and enhance backend features of a web portal using Flask, AWS, and PostgreSQL.
- Contributed to an internal tool that parses DAGs (Mermaid) and YAML specifications to auto-generate Jupyter notebooks for student assignments.

**Jr. Flutter Developer, OceanmTech**  
Surat, Gujarat

Jan 2024 – Aug 2024

- Collaborated with cross-functional teams to deliver mobile apps on schedule, enhancing functionality and user experience.
- Designed intuitive UI/UX using Photoshop and Illustrator, leading to improved user engagement.
- Implemented automated testing for iOS and Android, ensuring app reliability and reducing manual QA effort.
- Analyzed app usage data to generate insights that boosted user interaction and retention.
- Developed and refined UI/UX for mobile apps, significantly improving user satisfaction metrics.
- Generated actionable usage reports that informed feature enhancements and product strategy.
- Tested application code rigorously to enhance stability and usability across devices.

**Jr. Flutter Developer, Fibtoin**  
Surat, Gujarat

Aug 2023 – Dec 2023

- Identified and resolved code bottlenecks, optimizing application performance.
- Refactored codebase using modular design, improving maintainability and reducing complexity.
- Authored technical documentation to support user understanding and future development.
- Developed and maintained cross-platform apps using Flutter, focusing on performance and user-friendly interfaces.
- Tested and validated app features to ensure reliability and user satisfaction.

**Flutter Intern, Fibtoin**  
Surat, Gujarat

Mar 2023 – Jul 2023

- Developed and implemented UI components for mobile apps using Flutter framework.
- Conducted testing and debugging to optimize app performance on iOS and Android platforms.
- Collaborated with team members to brainstorm and prototype new features and functionality.
- Conducted user testing sessions to gather feedback, leading to data-driven UI/UX improvements.
- Managed parallel development tasks, improving time management and delivery efficiency.

## PROJECTS

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**Auction Master:-** Developed a full-stack auction web application using HTML, CSS, JavaScript, Node.js, and MySQL hosted on AWS RDS. Integrated Firebase for authentication and image uploads. Supports bidding, auction creation, and real-time updates. ([View Code](#))

**Grade Calculator:-** Built a dynamic web-based marks calculator supporting CSV upload and various grading formats. Built with HTML, JS, and CSS, this tool helps students easily compute and visualize their grades. ([Visit Website](#))

**Edu Corner App:-** Designed an educational course browsing app using Flutter and Dart. Provides an intuitive UI for course discovery tailored for learners. Focused on smooth UX and minimal UI design. ([View Code](#))

**Flutter All Widget:-** Built a comprehensive mobile reference app showcasing Flutter UI components including dialog boxes, animations, buttons, and more. Aimed to help junior devs explore widget functionalities. ([View Code](#))

**QuickFoodie App:-** Developed a food delivery client app with secure sign-up/login and interactive order flow using Flutter and Firebase. Integrated real-time data handling and form validation. ([View Code](#))

**Khushi Creation:-** Created a fully functional e-commerce app for a boutique business with login, cart, and product screens using Flutter and Firebase. Included local storage and responsive design. ([View Code](#))

**Portfolio App:-** Designed and deployed a personal mobile portfolio app using Flutter showcasing profile, skills, and contact options. Made to enhance professional branding. ([View Code](#))

**NFT Marketplace:-** Built a mock decentralized NFT trading platform using React and Solidity principles. Showcased UI/UX for connecting wallets, displaying sellers, and listing digital assets. ([View Code](#))

## EXTRA-CURRICULAR ACTIVITIES

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- Volunteering with **Sai Jala Charitable Trust** since 2015, supporting underprivileged communities through health camps, food drives, and educational outreach. Actively participated in COVID-19 response initiatives, coordinating relief efforts and awareness campaigns across Surat, Gujarat.
- Actively participated in college societies including **PIXELS**, **ATRANG**, **Spandan**, and **BMU STREET**, contributing to technical fests, cultural events, and community-building activities throughout undergraduate studies.

## LEADERSHIP

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- Held leadership roles in the **BMU Student Core Committee**, organizing inter-departmental events, mentoring peers, and assisting faculty in streamlining academic and extracurricular programs.
- Coordinated and led student volunteer teams during college orientation programs and annual university events, fostering collaboration and enhancing student engagement across departments.