

# NIYAZ AHMED

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## EDUCATION

**Visvesvaraya Technological University, Belagavi**  
B.S. in Computer Science & Engineering

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## TECHNICAL SKILLS

<b>Programming Languages</b>	JavaScript, TypeScript, Java, Python, C
<b>Development Technologies</b>	React, Next.js, Node.js, Flask, HTML, CSS, Tailwind CSS, Git, GitHub
<b>Databases</b>	PostgreSQL, MongoDB
<b>Protocols &amp; APIs</b>	XML, JSON, REST

## PROJECTS

### DropIt

- Developed an anonymous messaging application using **React** and **MongoDB**, featuring a clean user interface and efficient data storage.
- Implemented secure user authentication with **NextAuth.js**, and email verification.
- Added real-time username validation to ensure uniqueness before registration.
- Created an interactive dashboard with **message filtering**, **search capabilities**, and **message management** (view, delete, and acceptance toggles).
- Integrated **AI**-powered message generation using Google's Gemini 1.5 Pro API, enhancing user engagement with dynamic content creation.

### Feast-Flow

- Built a **full-stack** food ordering application using **Next.js** with categorized menu browsing, seamless food ordering, and real-time order tracking using Next.js and **Zustand**.
- Developed a **RESTful API** with MongoDB for efficient management of users, menus, and orders.
- Created an admin dashboard with **CRUD** operations for streamlined restaurant management.
- Integrated secure JWT authentication and a mock payment system for secure transactions

### Platformer Game

- Built a 2D platformer game using HTML5 Canvas and **JavaScript**, implementing player movement, platform collision detection, and gravity simulation for realistic gameplay.
- Integrated custom checkpoint and collision detection logic to trigger game progress events, enhancing user experience with real-time feedback and dynamic element adjustments based on screen size.
- Implemented a responsive interface with custom **animations** and controls, allowing fluid player movement and jumping.

## EXPERIENCE

**Compsoft Technologies**  
*Web Development*

August 2021 - September 2021  
*Bengaluru*

- Gained practical experience with **frontend technologies** such as **HTML**, **CSS**, and **JavaScript** by collaborating on a project to create a static **tribute webpage for doctors**.