

AMASH RIAZ

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EDUCATION

VIT Bhopal University

B.Tech - Computer Science and Engineering - CGPA - 7.97

2022 - 2026

Bijnor, Uttar Pradesh

PROJECTS

EchoMail (Voice-Controlled Email Automation) 🔗

| Python, Speech Recognition, SMTP

02-04 2024

- Developed a hands-free email-sending system using Python, integrating speech recognition and text-to-speech.
- Speech-to-Text Processing: Captured user voice input for recipient, subject, and body of the email.
- Text-to-Speech Feedback: Used pyttsx3 to provide real-time verbal confirmation to the user.
- Automated Email Sending: Utilized smtplib and EmailMessage to send emails securely via Gmail SMTP.
- Enhanced Usability & Accessibility: Enabled voice-driven email communication for a more accessible experience.

SecureHub (User Registration System) 🔗

| Flask, MySQL, HTML, CSS, JavaScript

5-6 2024

- Designed a user registration system using Flask and MySQL, enabling secure account creation and storage.
- Form Validation & Error Handling: Implemented client-side validation with JavaScript and server-side validation with Flask.
- Database Integration: Used MySQL to securely store user data such as username, email, and password.
- Enhanced Security: Applied basic hashing techniques for password storage, improving system security.
- Easy-to-navigate Interface: Created a responsive registration form with HTML, CSS, and JavaScript.

Medisync(MERN-Stack Hospital Management System) 🔗

| MongoDB, ExpressJS, ReactJS, NextJS

7-8 2024

- Developed hospital management system with MERN stack for efficient record management.
- Designed MongoDB schema for secure patient, doctor, and appointment data storage.
- Integrated JWT authentication for secure login and role-based access control.
- Enabled appointment booking, rescheduling, and cancellations via user-friendly UI.
- Implemented email & SMS notifications for appointment confirmations and reminders.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL.

Technologies/Frameworks: HTML5, CSS3, Tailwind CSS, Bootstrap, Javascript, ReactJS, SQL, Git, GitHub.

Developer Tools: VS Code, IntelliJ, PyCharm, Canva.

Concepts: OOPS concept, Multithreading, File Handling, DOM Manipulation, Subqueries, Transactions, Query Optimization, Computer Networks, DBMS, Digital Logic Design

Current Focus: ReactJS, NodeJS, NextJS, ExpressJS, Spring boot, Data Structures & Algorithm.

CERTIFICATIONS

- Java Core Concepts - Devtown
- API Fundamentals Student Expert - Postman
- Career Essentials in Generative AI - Microsoft & LinkedIn
- Career Essentials in Software Development - Microsoft & LinkedIn
- The Bits and Bytes of Computer Networking - Coursera
- Soft Skills Certificate - TCS iON
- Digital Marketing - Accenture

EXTRACURRICULAR

- * Taught basic web development(front-end part) in offline Mode. 09-2024 – 12-2024
- * NSS Member from 2022 to 2023