MOHAMMED RAZIN C R

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in LinkedIn   GitHub   </> Portfolio

Professional Summary

MCA student and Full Stack Web Developer with strong hands-on experience in **Next.js, TypeScript, and Firebase**. Skilled in building scalable, responsive web applications and implementing secure authentication. Also experienced in **Python-based machine learning projects**, with a solid foundation in software engineering concepts.

Education

- **Master of Computer Applications (MCA)** — 2024 - Present
  Currently pursuing MCA — **CGPA: 8.12**
- **Bachelor of Computer Applications (BCA)** — 2021 - 2024
  Completed BCA — **CGPA: 8.98**

Technical Skills

- **Programming & Web Technologies:** JavaScript, TypeScript, Python, HTML5, CSS3, Next.js
- **Frameworks & Libraries:** React.js, Firebase, Tailwind CSS
- **Tools & Platforms:** Git, GitHub, VS Code, Firebase Console
- **Core Competencies:** Full Stack Web Development, REST APIs, Authentication, Image Processing, Deep Learning
- **Concepts:** Data Structures, Object Oriented Programming, DBMS, Software Engineering

Projects

- **Barterly - Product Exchange Platform**   [*Live*]
  Developed a full-stack web application using **Next.js and TypeScript** with a modular and scalable architecture. Implemented reusable UI components, user authentication, product management features including product cards, upload forms, and modals. Integrated **Firebase** for backend services and ensured responsive design using custom hooks and advanced state management.
- **CYBER-SENTINEL - Deepfake Detection & Image Steganography**
  Developed a **deepfake detection and secure image steganography**. Implemented an ensemble of deep learning models including **CNN, ResNeXt, LSTM, and Vision Transformer** for real-time image and video analysis, achieving up to **92% accuracy**.Also enabled secure hiding and extraction of secret data in images using **Python**.
- **AIBM Quick Support**   [*Live*]
  Developed a student support and learning platform using **HTML, CSS, and JavaScript**. The platform allows students to **download notes, previous year question papers, and mini projects**, participate in **live quizzes**, and interact via a **real-time chatbot**. Also implemented an **event gallery** to showcase college activities and events. (BCA Mini Project)
- **Image & Audio Steganography System**   *(Final Year BCA Project)*
  Built a secure steganography system using **Python** to hide and extract confidential data within **images and audio files**. Focused on data security, signal integrity, and efficient encoding techniques while preserving media quality.

Leadership and Mentorship Roles

- **Event Co-Head - Tech Heist (Inter-College IT Fest)**
  Served as Co-Head for the Tech Heist event and **Event Head for the Debugging Challenge**, playing a major role in event planning and execution. Handled **social media management, video editing, promotions, and coordination**, ensuring smooth operations and strong participant engagement across multiple roles.
- **Peer Support & Collaboration**
  Actively collaborated with peers in academic projects, assisting in debugging, project structuring, and technical problem-solving.

Certifications and Achievements

- Winner of **Best Website Design Award** for **AIBM Quick Support** at College Level
- Secured **First Prize** in **Debugging Challenge** at an Inter-College IT Fest
- Creator of a **YouTube Channel with 2.6K+ Subscribers**, focused on gaming content
- Awarded **Rajya Puraskar** and **Rashtrapati Scout Award** for leadership, discipline, and service