Shahbaz Ahmad

Software Developer

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EDUCATION

Cochin University of Science and Technology, Kochi	July 2023 – May 2025
Master of Computer Applications	*CGPA: 9.42*
Maulana Mazharul Haque Arabic and Persian University, Patna	Aug 2019 – May 2022
Bachelor of Computer Applications	*76.92%*

SKILLS

Languages: Java, Python, C, C++
Databases: SQL, MongoDB
Web Technologies: JavaScript, TypeScript, HTML, CSS, Node.js
Frameworks/Libraries: Frappe, React, Express.js, Next.js, Bootstrap
Developer Tools: Git, GitHub
Soft Skills: Communication, Decision-making, Management, Leadership

EXPERIENCE

Frappe Full Stack Intern (C-SIS, CUSAT) *Dec 2024 - Present*
- Developing and customizing modules in Frappe/ERPNext-based web applications.
- Developing a STREAM ecosystem website using Frappe, Next.js, and TypeScript

IBM SkillsBuild Program (Remote) Certificate (Live) *June 2024 – July 2024*
- Built a food chatbot to enhance user experience and virtual assistance for customer support.
- Technologies Used: - IBM Watsonx, HTML, CSS, JavaScript.

PROJECTS

Context-Based Video Retrieval (AI/ML) GitHub *July 2024 – Nov 2024*
- The goal was to create a content-based retrieval system that could accurately find similar videos using feature extraction and similarity measurement techniques.
- This model was designed to be efficient enough to handle large video datasets while maintaining high precision and recall rates in retrieval performance.
- Technologies: ResNet-50 deep learning model, UCF101 dataset, OpenCV, Scikit-Learn.

Food Delivery (MERN Stack) GitHub *July 2024 - Nov. 2024*
- Built a robust and scalable food delivery app using the MERN stack. Developed a responsive and intuitive user interface with React.js to enhance the user experience.
- Implemented password hashing and salting techniques to protect user credentials.
- Technologies: MongoDB, Express.js, React.js, and Node.js.

ACHIEVEMENTS

- Achieved first rank in my BCA final year and ranked in the top 2% in the NPTEL IoT course (2024)

CERTIFICATE

- **Internet of Things- NPTEL** Link

  - Completed NPTEL's 'Introduction to the Internet of Things' course with a 92% score, gaining a foundation in IoT concepts, protocols, and applications.

- **Software Engineer Intern HackerRank** Link

  - Developed problem-solving skills and basic DSA through these coding challenges.

- **Getting Started with Artificial Intelligence - IBM SkillsBuild** Link

  - "Gained a foundational understanding of AI concepts, machine learning, tools, and techniques.