

MUHAMMAD AHMED

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LeetCode: <https://leetcode.com/ahmedcs>

OBJECTIVE

Motivated Individual with a strong understanding of Computer Science subjects such as Data Structures and Algorithms, Computer Networking etc. and having a strong interest in Cloud Computing/DevOps and Web Engineering currently looking forward to expand my skillset and working on impact creating projects

EDUCATION

National University Of Sciences And Technology

Bachelors in Computer Science - CGPA 3.65

H-12 Islamabad, Pakistan

2023 – 2027

PROJECTS

File Zipper

GitHub: github.com/mahmed005/File-Compressor

- Implemented the Huffman Encoding Algorithm for the compression of audio(wav) and image(bitmap) files enabling a deep understanding of data storage and manipulation in files
- Achieved an average compression ratio of 8-10% on audio files and 15-20% on image files

Eazybazar - Ecommerce Platform

Github: github.com/mahmed005/easybazar-project

- Developed a fully functional ecommerce marketplace with complete customer, seller and admin side functionality
- Used HTML, CSS, Javascript, EJS for the front-end, Node.js and Express.js for back-end and MYSQL as the database

TECHNICAL SKILLS

Front-end Technologies: HTML, CSS, JavaScript, React.js, React-Router

Back-end Technologies: Node.js, Express.js, MYSQL, PL/SQL

Development Tools: Docker, Kubernetes, Git, VS Code

LEADERSHIP AND ACTIVITIES

ACM NUST Student Chapter

Sept. 2023 – Present

Team Lead Human Resources

- Managing the resources of a council of 80+ members and ensuring smooth operations of the society
- Conducted and lead multiple tech events in the university to promote technology and successfully handled 200+ attendees ensuring smooth event flow

COURSES AND CERTIFICATIONS

Java Programming: Solving Problems with Software

Coursera

- <https://www.coursera.org/account/accomplishments/records/3UGWCZ6TXJGE>

HTML and CSS in Depth

Coursera

- <https://www.coursera.org/account/accomplishments/records/AQNFBN9EVGNE>

Programming with JavaScript

Coursera

- <https://www.coursera.org/account/accomplishments/records/Q4KLALTFHT4H>