Muhammad Usman Ali

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Final Year BSCS student specializing in full-stack development with expertise in MERN, Ruby on Rails, and Django. Experienced in building scalable web solutions and exploring AI technologies like LLMs and Generative AI to stay ahead in the field.

EDUCATION

BS-Computer Science - **FAST NUCES**   2021 - Present

SKILLS

Web Development	Mongodb, Node, Express, React, Next, SQL, MySQL, PostgreSQL, TypeScript, MVC Architecture, EJS, AJAX, Django, Ruby on Rails
Programming Languages and Tools	JavaScript, C++, Python, Ruby, Git, Ubuntu

PROFESSIONAL EXPERIENCE

Software Engineer Intern at DevDen   June 2024 - Aug 2024

- Gained hands-on experience in Ruby on Rails development and web application architecture.
- Developed a full-stack Rails website with emphasis on clean code and optimal functionality.

Project Link: GitHub

Technical Head at Google Developer Group FAST-CFD   Oct 2024 - Present

- Led technical operations for GDG events and community initiatives.
- Managed community website and organized technical sessions to foster learning.

Website Link: GDG Website

PROJECTS

Capital Valley   Project

Final Year Project - (React.js, Node.js, Express.js, MongoDB, Blockchain)

- Built a MERN stack platform connecting startups with investors using Blockchain for idea protection.

Quick-Chat   Project

React.js, Node.js, Express.js, MongoDB, Socket.IO

- Developed a real-time chat app with messaging, authentication, and group chat using Socket.IO.
- Implemented scalable architecture focusing on performance optimization.

HONORS

Technical Lead at Google Developer Group (GDG)

- Led technical operations, event management, and organized Web Dev and AI/ML sessions for community growth.

Technical Head of FAST Club of App Development

- Coordinated app development projects and conducted Web Dev and Leetcode sessions for students.

Member of Aspire Leader Program - Harvard School of Business

- Selected for exclusive leadership program focusing on business management principles.

Certificate: Link