

Education

NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES Chiniot-Faisalabad Campus
BS Software Engineering 2021 - 2025
CGPA: 3.29 / 4.0

Experience

Teaching Assistant NUCES, Chiniot-Faisalabad Campus Aug 2022 – Present

- Orchestrated lab sessions for 5+ software engineering courses, enhancing student comprehension.
- Mentored 60+ students per semester, improving average grades by 15% in computing and statistics.

Projects

Event Ease JavaScript, Node.js, Express, React

- Spearheaded an online conferencing system, boosting engagement by 30% through interactive tools.
- Streamlined event scheduling, reducing coordination time by 25%.
- Enabled video conferencing for 100+ participants, fostering collaboration.
- Accelerated review turnaround by 40% with automated scheduling modules.

Personal Portfolio Website Tailwind CSS, JavaScript

- Designed a responsive portfolio website using Tailwind CSS, showcasing all projects.
- Integrated JavaScript for dynamic features like contact us, improving user interaction by 20%.

Arabic Poem Dictionary Java, MySQL

- Developed a scalable Arabic dictionary, optimizing tokenization for 10,000+ entries.
- Architected a 3-layer system, improving search efficiency by 35%.
- Created 4 core modules for enhanced retrieval.

Word Suggestion Tool C++, Data Structures

- Engineered an auto-complete system using a Trie, achieving lookup times under 5ms.
- Implemented prefix-based matching for scalability.

Certifications & Accomplishments

- Dean's List – Fall 2024 (SGPA: 3.72 / 4.0)

Areas of Interest

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|-----------------------|------------------------------|
| ✅ Android Development | ✅ Software Quality Assurance |
| ✅ Devops | ✅ Frontend Development |
| ✅ MERN Stack | ✅ Project Management |

Professional Skills

- Frameworks: Node.js, Express, React, Bootstrap, Tailwind CSS
- Automation: Docker, Terraform, AWS, Kubernetes
- Tools: Git, JUnit, Selenium, SonarQube, Android Studio, Linux, DigitalOcean
- Databases: MySQL, Oracle, MongoDB
- Project Management: Jira, Notion, Atlassian, Clickup

Extracurricular Participation

- President – FAST English Club (2023–2024), organized 10+ events.
- Head Marketing – FAST Silent Steps (2023–2024), increased participation by 20%.