Muhammad Hassaan

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SUMMARY

Passionate and driven Software Engineering student based in Islamabad, eager to apply strong technical skills and practical experience to a dynamic hybrid role. Ready to jumpstart a career in software engineering with hands-on learning and a commitment to growth.

EDUCATION

Bachelors in Software Engineering

FAST NUCES Islamabad · Islamabad · 2022-Present

PROJECTS

Job Bazar

· **Designed a LinkedIn-inspired platform** :that connects job seekers and recruiters, featuring profile creation, job listings, and an intuitive user interface to enhance user engagement.
· **Developed responsive front-end components:** using React.js and implemented RESTful APIs with Node.js to ensure smooth, secure data exchange between the client and server.
· **Integrated a MongoDB database:** to manage user profiles, job posts, and applications efficiently, ensuring quick retrieval of data for optimal platform performance.

Siege Battle 2d

· **Designed a turn-based battle game** where players build and customize characters, enhancing gameplay with power-ups earned by answering educational quizzes.
· **Implemented game mechanics** using Unity, focusing on responsive controls and dynamic visuals for an engaging 2D experience.
· **Developed an educational component** that integrates seamlessly into gameplay, encouraging learning by rewarding players with in-game advantages based on quiz performance

SKILLS

· **Languages**: HTML, CSS, JavaScript, C++, C#, Python
· **Frameworks**: React.js, Node.js, ASP.NET
· **AI/ML**: PyTorch, LangChain
· **Database Management**: MongoDB, MY SQL

INVOLVEMENT

FAST NUCES , Islamabad · Google Developer Group On Campus · October 2024 - Present
· Assisted in organizing and facilitating technical workshops by managing logistics and engaging participants to create a positive and impactful learning experience. Supported smooth event operations and fostered participant interaction through interactive activities.

FAST NUCES , Islamabad · Software Engineering Society · October 2024 - Present
· Supported event coordination by collaborating with team members to foster engagement and encourage knowledge-sharing among society members, helping to create a welcoming and interactive environment.