Saman Saeed

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Education

FAST NUCES   (2020-24)
Islamabad, Pakistan
Bachelor of Software Engineering

2020 - 2024
Relevant Coursework: Object Oriented Programming, Data Structures, Software Design and Architecture, Design and Analysis of Algorithms, Web Engineering, Database Systems

Punjab Group of Colleges
Rawalpindi, Pakistan
FSc (Pre-Engineering)
September 2018 – May 2020

Achievements

- Silver Medalist at FAST NUCES (2023-2024)
- Inscribed in the Dean's List of Honors four times by FAST NUCES.

Experience

Software Development at SageTeck (Full-Time)
June 2024 - Currently doing
- Developed applications using MERN, php,python
- Docker and GitHub for deployment & version control

Lab Demonstration (Software Design and Architecture)
Jan 2024 - May 2024
- Guided Students in designing applications
- Helped the students in resolving errors

Internship at Chakor, Lahore
August 2023 – Oct 2023
- Successfully completed numerous projects utilizing Bubble.io
- Designed and developed Coffee Application, Job Listing and a Kitchen Application.

Lab Demonstration (OOP)
Jan 2023 - May 2023
- Guided OOP students in logic building
- Helped OOP students in resolving errors

Teacher Assistance (Applied Physics)
Sep 2022 - Dec 2022
- Worked part-time as a teacher assistant for Applied Physics

Projects

Video and Image Annotator
- Built a responsive video and image annotator using JavaScript, Node.js, Express.js, and MongoDB, with Docker for deployment, GitHub for version control, and testing on simulators. Annotator Website

Final Year Project – VR Dental Training Simulation | Unity 3d | C# | Blender | Firebase | Github
- Oculus VR app that simulates real dental procedures for hands-on practice.
- Immediate feedback by visual cues and report generation
- Student-instructor multiplayer

Appointment System | Docker | Kubernetes | Github Actions | Microservices | Linux
- Microservices Architecture
- Docker containers to package and deploy microservices
- CI/CD pipeline using GitHub Actions
- Orchestrated microservices deployment using Kubernetes

CI/CD pipeline for Machine Learning Project | Jenkins | Docker | Github Actions | Git | Python | Flask
- Successfully automated the entire CI/CD pipeline
- Enhanced code quality and reliability through systematic testing and approval workflows.
- Streamlined collaboration and version control within a two-member group project.

Reservation System | MERN | Docker | aws
- Developed different panels for vendors, clients and admin
- Containerized Application using Docker
- Deployed to EC2 machine on aws

Chat Application | Blockchain | Ganache | Solidity
- Spearheaded the development of a cutting-edge Decentralized MERN Application (DApp) for Supply Chain Transparency and Traceability, utilizing Web 3.0 technologies and Ethereum framework

Skills
Technical: OOP, MVC, C#, MySQL, Docker, GitHub, Jenkins,VMware, Javascript, Kubernetes, MERN Stack.