

NoorulAin

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EDUCATION

Usman Institute of Technology (Affiliated with NED University)
Bachelor of Science in Computer Science

Karachi, Pakistan

WORK EXPERIENCE

Junior Cloud Engineer Intern
Techxudo

Remote

- Assisted in designing and deploying cloud-based solutions on AWS, including serverless architectures using Lambda, API Gateway, and DynamoDB.
- Supported CI/CD pipelines and automation using AWS CodePipeline to streamline development and deployment processes.
- Monitored and maintained cloud infrastructure, ensuring reliability, security, and performance optimization.

Microsoft Learn Student Community (MLSC)

- Active member of the **MLSC** at university.
- Gained hands-on experience with **Azure Fundamentals**
- Organized and conducted a **cloud computing workshop** for fellow students.

PROJECTS

Text-to-Image AI Generator

- Developed a deep learning-based image generation tool using pre-trained transformer models and natural language processing to create visuals from text prompts.
- Created professional design assets (logos, cards, posts) accessible to non-designers, enabling high-quality visuals without formal training.
- Integrated editing and customization features such as resizing, cropping, and filters for flexible design control.
- Implemented real-time collaboration and cost-effective solutions, allowing teams to provide instant feedback and offering an affordable alternative to expensive design software.

Noor's Wallet

- Developed Noor's Wallet, a secure, serverless digital wallet application using AWS Lambda and API Gateway for backend logic and APIs.
- Implemented frontend hosting and delivery with Amazon S3 and CloudFront for fast, scalable access.
- Automated deployment and updates using AWS CodePipeline to ensure continuous integration and delivery

Serverless Student Management System

- Built a Serverless Student Management System using AWS Lambda for backend logic and API Gateway for RESTful API endpoints.
- Implemented data storage and hosting with DynamoDB for database management and Amazon S3 and CloudFront for frontend deployment.
- Automated CI/CD pipelines using AWS CodePipeline to streamline deployment and updates.
- Deployed a fully serverless portfolio using aws services(S3 and Cloudfront)

TECHNICAL SKILLS

Languages: C++, Python, Java, HTML, CSS
Web & Cloud: AWS (S3, EC2, Lambda), GitHub
Tools & Platform : VS Code, Matlab, Git, Aws