**Hamza Nadeem Khan**

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# Personal Details

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***GitHub***: https://github.com/hamza301211

# Summary

Full Stack Developer with expertise in the **MERN stack** (MongoDB, Express.js, React, Node.js) and a strong background in **cloud computing**. Skilled in building scalable and high-performance web applications, leveraging technologies like **Docker** and **Kubernetes** for containerization and orchestration. Adept at designing and deploying cloud-native solutions with a focus on reliability and efficiency. Proven ability to collaborate across teams, implement modern software architecture, and deliver robust solutions in fast-paced environments.

# Education

## BS Computer Science / 2023

Comsats University Lahore.

# Experience

## Associate Software Engineer

### Innovage.io, Lahore

Worked as an **Associate Software Engineer** on a procurement and financial solutions project, leveraging the **MERN stack** (MongoDB, Express.js, React, Node.js) to develop robust, full-stack applications. Integrated **AWS technologies** such as **S3 Bucket** for storage, **AWS Lambda** for serverless computing, and **AWS EC2** for scalable infrastructure. Implemented **CI/CD pipelines** using **GitHub Actions** to streamline development, testing, and deployment processes, ensuring efficient and automated delivery of software solutions. Collaborated with cross-functional teams to deliver high-performance and scalable systems for business-critical applications.

# Projects

## Ex Squares, Full Stack Web Application

ExSquares(exsquares.co.uk) is a **procurement and financial solutions** project developed using the **MERN stack** (MongoDB, Express.js, React, Node.js) to deliver a comprehensive, scalable platform for managing procurement processes and financial transactions. The project integrates **AWS technologies**, including **S3** for storage, **AWS Lambda** for serverless functionality, and **EC2** for scalable infrastructure.

## KBM Technologies, Full Stack Web Application

KBM Technologies is a robust application designed for tracking records of invoices and remittances. The system features a separate admin panel for efficient management and oversight. Developed using the MERN stack, it leverages AWS technologies such as S3 Bucket for storage, AWS Lambda for serverless computing, and AWS EC2 for hosting. GitHub Actions is utilized for continuous integration and deployment, ensuring a streamlined development process and reliable performance. This project aims to enhance financial record management and improve operational efficiency for users.

## Answer Campus, Full Stack Web Application

AnswerCampus is a web application developed using Next.js, aimed at providing users with answers to academic questions. The platform offers a seamless and intuitive user experience for students and learners seeking assistance with their studies. The role for me in this project was focused on building the front end, ensuring a responsive and engaging interface that facilitates easy access to academic resources and solutions.

## Just Pepe, Front End Web Application

Just Pepe is a front-end web application developed using React.js, designed specifically for advertising NFTs (Non-Fungible Tokens). The platform provides a visually engaging interface for users to explore and promote various NFT artworks and collections. By leveraging React.js, Just Pepe ensures a dynamic and responsive user experience, making it easy for users to navigate through the advertised NFTs while highlighting their unique features and attributes.

## Portfolio, Front End Web Application

## Personal website created using Next.js and Tailwind CSS, showcasing the work and skills as a developer. The site features a clean and modern design, utilizing Tailwind CSS for responsive layouts and stylish components. Built on Next.js, the portfolio benefits from optimized performance and seamless navigation. It serves as a platform to highlight projects, share experiences, and provide contact information, effectively presenting the professional identity to potential employers and collaborators.

# Skills

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| --- | --- | --- | --- | --- | --- |
| Front End | React JS | Next JS | Material UI | Tailwind CSS | SCSS |
| Back End | Node JS | Express JS | Mongo DB | Serverless | Restful APIS |
| DevOps | Git/Github | Docker/Kubernetes | Monitoring/Logging | Deployment | CI/CD |
| AWS | AWS Lambda | AWS S3 | AWS EC2 | AWS CloudWatch | AWS DynamoDB |
| Other | Agile | Microservices | Communication | Presentation | Teamwork |

# Certifications

***IBM Full-Stack JavaScript Developer***

an online non-credit course authorized by IBM and offered through Coursera.

## Application Development using Microservices and Serverless

an online non-credit course authorized by IBM and offered through Coursera.

***Get Started with Cloud Native, DevOps, Agile, and NoSQL***

an online non-credit course authorized by IBM and offered through Coursera.

***Introduction to Containers w/ Docker, Kubernetes & OpenShift***

an online non-credit course authorized by IBM and offered through Coursera.

***AWS Cloud Technical Essentials***

an online non-credit course authorized by AWS and offered through Coursera.