

DANISH KHAN

Senior Full Stack Developer

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PROFESSIONAL OVERVIEW

Senior Full Stack Engineer with 6+ years of experience in designing, developing, and deploying scalable software solutions. Expertise in React, TypeScript, and Python, with a strong focus on creating high-performance, user-centric applications on Azure and AWS.

WORK EXPERIENCE

Senior Software Engineer | AI Synapse, USA Dec 2023 - Present

As the Senior Software Engineer, I architected the application using Azure, Django, Next.js and Fast Api

- Optimized LLM performance through prompt engineering and efficient API usage strategies
- Engineered robust data preprocessing and feature extraction pipelines for improved model accuracy
- Built the ML architecture of the app using Langchain, Vector DBs and other tools.
- Setup RESTAPI structure to communicate with the frontend and AI systems.
- Tech Stack: Azure, Next.js, Typescript, Python, Langchain, Nest.js

Lead Software Engineer | Indek, Dubai Feb 2023 – Dec 2023

As the Lead Engineer on the team, I was responsible to setup the foundation of the app

- Optimized existing code infrastructure and rebuilt the core engineering engine
- Supervised both front-end and back-end teams, ensuring seamless delivery times and deployment.
- Authored tests, conducted debugging sessions, and implemented backend architecture.
- Drove the frontend team's adoption of advanced Next.js features for server-side rendering.
- Tech Stack: Next.js, Clerk, Planet Scale, Tailwind CSS, Typescript

Special Project Manager (Engineering) | Just Appraised, USA March 2022 – Feb 2023

As a Special Projects Manager, I was accountable for the product delivery and data team.

- Developed API parsers to streamline data extraction and integration with data warehousing systems
- Optimized product customization through advanced JSON configurations
- Collaborated with the backend team to construct efficient data loaders, optimizing database functionality.
- Provided adept technical support as the configuration specialist.
- Tech Stack: Python, Java, AWS Redshift, Fivetran, AWS Lambda

Software Engineer | Adveria, USA April 2018 – Sep 2021

As a Software Engineer I was accountable for end-to-end project pipeline from discovery to handover.

- Developed and optimized web applications, focusing on responsive design and user experience
- Built projects with PHP, WordPress, JavaScript, and React, while exploring AI libraries and frameworks
- Contributed to various stages of the software lifecycle, from requirements gathering to deployment
- Tech Stack: PHP, WordPress, JavaScript, React

WORK EXPERIENCE CONTINUED

Marketing Intern | Preacher9, Islamabad2016 - 2017

As a Marketing Manager, I was accountable for client acquisition and retention in this role.

- Developed and executed multi-channel digital marketing strategies to enhance brand visibility.
- Analyzed campaign data, extract actionable insights, and optimize strategies for improved ROI.
- Lead cross-functional teams, providing clear direction for successful digital marketing campaign.

EDUCATION

BS International Relations | Bahria University, Islamabad2012-2016

TECH STACK

Typescript	React	Next.js	Redux
Python	FastAPI	Langchain	Azure Functions
AWS	Jest	Postman	TailwindCSS

SKILLS

System Design	OOP	Functional Programming	DevOps
CI/CD Pipelines	Serverless	Data Architecture	Unit Testing
Data Structures	Data Analysis	ETL Pipelines	UX-design

PROFESSIONAL DEVELOPMENT AND CERTIFICATES

Generative AI | DeepMind2024

CS50 | Harvard Extension2023

Integrating LLM Applications | Udemy2024

UX Design | Coursera2021