

# FARASAT ALI

## SOFTWARE ENGINEER

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I'm a Software Engineer, experienced in Next.js, MERN Stack, and Nest.js and have a strong background Web3 and AWS. When I'm not coding, I'm out discovering fascinating destinations or watching anime. Because of my diverse skillset and interests, I love working in a multicultural atmosphere and would be highly valuable to any team.

## EDUCATION:

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### Bachelor of Science in Computer Science (BSCS)

*Bahria University – Karachi, Pakistan*

*CGPA: 3.76 / 4.0*

*September 2019 – July 2023*

Relevant Coursework Includes:

- Computer Organization and Assembly Language, and Database Management Systems.
- Object-Oriented Programming, Software Quality Assurance, and Project Management.
- Artificial Intelligence, Data Science, Data Mining, Neural Networks, and Information Security.
- Parallel and Distributed Computing, Operating System, and Data Communication and Networking.
- Theory of Automata, Data Structures and Algorithm, Compiler Construction, and Cloud Computing.

## WORK EXPERIENCE:

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### Software Engineer

*Digital Dividend Pakistan – Karachi, Pakistan*

*November 2023 – Ongoing*

- Integrating Artificial Intelligence into the Next.js Web Applications.
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### Front-End Engineer

*Star Marketing Pvt. Ltd. – Karachi, Pakistan*

*July 2023 – October 2023*

- Developed SEO-Optimized and Dynamic Web App as per requirement of the company.
  - Worked on sophisticated internal projects, integrating business-oriented APIs in web applications.
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### MERN Stack Developer

*Divine Virtuality – Karachi, Pakistan*

*January 2022 – February 2023*

- Integrated APIs with intricate UI designs with popular libraries like MUI, Styled Components, and Tailwind.
  - Utilized Typescript and Next.js to develop robust, reactive front-end experiences.
  - Possess experience in deploying MERN apps on AWS EC2 and setting up secure SSL connections using Nginx and pm2.
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### Frontend Developer

*Civar – Karachi, Pakistan*

*September 2021 – December 2021*

- Assisted in the continuous enhancement of a dynamic e-commerce platform offering a wide variety of products in Turkey by utilizing Next.js, GitHub, NextAuth, GraphQL, and Adobe XD.

## SKILLS:

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### Programming Languages

JavaScript, TypeScript, Python, Solidity

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### Databases

MongoDB, GraphQL, PostgreSQL, Redis

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### Technologies and Frameworks

HTML5, CSS3, SCSS, React.js, Redux, Next.js, Node.js, Nest.js, Express.js, React Native, Cirq Storybook, Figma, Nginx, Terraform, Docker, Git, GitHub, GitHub Actions

Web3.js, Ethers.js, Wagmi, RainbowKit, WalletConnect, Truffle, Hardhat, LangChain, Jira, VSCode, NPM

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## AWS & Microsoft Azure

AWS EC2, AWS AppRunner, AWS S3, AWS RDS, AWS Lambda, AWS Elastic Beanstalk, AWS IAM  
Azure Entra ID, Azure VMs, Azure Functions, Azure Blob Storage

## PROJECTS:

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### Starmarketing Web App

Link: [www.starmarketingonline.com](http://www.starmarketingonline.com)

A dynamic web application built with Next.js, PayloadCMS, and Strapi, featuring advanced filtering capabilities. Successfully deployed on AWS.

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### LokiRevolt

Link: [lokirevolt.vercel.app](http://lokirevolt.vercel.app)

An innovative concept connecting NFTs as an abstract layer to gaming assets. Technologies utilized are Next.js, Ethers.js, WalletConnect, Wagmi, Solidity Smart Contracts, HardHat, Ethereum and Polygon.

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### Voiice

Link: [vouiice.io](http://vouiice.io)

Based on MERN Stack which provides a comprehensive set of features, including user authentication, project creation, and audio playback. Additionally, it offers a user-friendly widget for recording audio. Payments are based on stripe.

## CERTIFICATIONS:

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### CLF-C01 - AWS Certified Cloud Practitioner

*Amazon Web Services (AWS)*

2023

Demonstrates foundational knowledge of AWS cloud services, architecture, security, and pricing models.

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### AZ-900 - Microsoft Certified: Azure Fundamentals

*Microsoft*

2023

Validates understanding of Azure cloud concepts, core services, security, and compliance.

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### Certified Blockchain Developer

*PIAIC (Presidential Initiative for Artificial Intelligence and Computing)*

2023

Validates expertise in building web3 solutions using Solidity, Ethereum and Layer 2 Blockchains.

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### Redis Certified Developer

*Redis*

2022

Validates expertise in building applications using Redis, a popular in-memory database and caching platform.

## Currently Learning:

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### Introduction to Quantum Computing

*The Coding School (QubitByQubit)*

2023 - Ongoing

Studying Quantum Computing, Python and Cirq under the Scholarship of IBM Quantum and Google Quantum AI.

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### Certified AI, Metaverse and Web Developer and Solopreneur

*PIAIC (Presidential Initiative for Artificial Intelligence and Computing)*

2023 - Ongoing

Studying and implementing TypeScript, Python, Solidity, Next.js, Shopify, Account Abstraction, Langchain and Hugging Face.

## SOCIALS:

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### Medium

<https://faraasat.medium.com>

### Twitter

<https://twitter.com/reallyfaraasat>