

# Language

English

Urdu

# Saad Ahmed

## Software Engineer

I'm a full-stack software engineer with expertise in Angular, Ionic, and NodeJS. I have experience developing scalable solutions using PostgreSQL and cloud-based server-less computing platforms such as Azure Function Apps. With a strong understanding of software development principles, I deliver high-quality software within project timelines

## Experience

### 2022 - Present

Cinnova Technologies LLC

#### Software Engineer - Team Lead

- Became a full-time participant in the interview panel for selecting new resources.
- Closely work with managers for discovery of new prospects and documenting recommendations.
- Mentored and trained new hires to follow industry coding standards and practices
- Took on internal training/leadership of new Associate Software Engineers
- Managing team of up-to five Associate Software Engineers & Software Engineers.
- Documenting & devising estimates for new feature set.
- Documenting new product discoveries
- Initiated and actively worked on production, staging and development build bundle optimisations.
- Designed and developed cross platform application.
- Developing single codebase application using ionic for web, iOS and Android.
- Integrating tailwind css with ionic components and minimising use of SCSS/CSS files.
- Creating Azure Cloud functions.
- Creating backend in Postgres SQL database in azure to provide server less solutions
- Integrating of web-sockets to Angular applications
- Integration of payment gateway solution for crypto currencies such as onramper
- Integrating third party APIs i.e. SendGrid, Twilio, google maps and places API.
- As a lead managing team members and code review sessions
- Documenting project estimates, module flow charts and creating tracking sheets.
- Direct client interaction on regular basis.
- Extended Azure Cloud Services exposure with using Azure server-less functions and DevOps CI/CD
- Built and used Azure Server-less Architectures and micro-services
- Built and deployed server-less APIs using Azure server-less functions, Function Apps and API management service
- Designed workflows with Azure Logic Apps
- Worked with Azure PostgreSQL Database Servers

#### Projects worked on:

##### Career Minded

- Angular Ionic cross platform, single code based application with Postgres SQL database
- The application provide high to invite students to the platform
- Student can apply for opportunities posted by recruiters and high-school

##### Toshimon.io

- Unity and Solidity smart contract based NFT card game.
- Player can join the room of players where they can challenge the players for battle
- Battle require an ETH wager and NFT player cards for battle
- Game used web 3.0 and blockchain layer 2.0 State channels and off-chain transactions

### **Stat-X**

- Application to calculate aerosol fire suppression options based on dimensions or covered are.
- Aerosol units calculation based on mathematical equations and calculations
- Complete invitation module to invite clients or employee to the portal
- Available on iOS app store and Google play.

### **Zing Web Portal**

- Application to send out batch email to the company client for amount recovery
- Complete functionality for batch email on customised scheduled cycles
- Clients excel sheets translated to data and stored using Azure Data factory
- Complete reports and statistics for the admin

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### **SmartFi Portal**

- Crypto Currency exchange for SmartFi token
- Based on ReactJS platform with .Net backend
- Worked in a large multinational team on different modules
- Exchange provided trading options in multiple tokens.
- Worked on revamping Portal to Angular Ionic application from scratch

## **○ 2021-2022**

Cinnova Technologies LLC

### **Associate Software Engineer**

- Designed and developed web applications in React and Angular
- Integrating REST API on NodeJS using MongoDB
- Research and development on blockchain technologies and NFT market
- Integrating stacks blockchain transactions with web application.
- Developing smart-contracts in clarinet language
- Integrating crypto API and provided realtime updates to the Web App exchange

#### **Projects worked on:**

##### **EggsChain**

- Multiple Portal of IVF based company was managed
- Integration of blockchain upon storing sample
- User or client can record memory of storage on Blockchain
- Usage of Stacks blockchain for the integration with Angular and React portals.

## **Reference**

References are available upon request.