

Nasir Sayed - Software Engineer

Address: 327 West Side Dr #302, Gaithersburg MD 20878, nasir.sayed.us@gmail.com / +1-408-466-7445

EXPERTISE

AWS, Javascript, NodeJS, ReactJS, Angular, WebSoket, MongoDB, NGINX, Apache, Docker, JEST, UnitTest, TypeScript, Jenkins, Splunk, PHP, Kafka, Database, API, Python, Microservices

EDUCATION

Msc – IT 2013–2015 (ITU, San Jose, CA, USA)
Bsc – Computer Science 2006-2009 (Mumbai University, India)

PROFESSIONAL PROFILE

Over 11+ year of experience in Software. I always find solution to fill the gaps. I am passionate about doing things right and doing them quickly. I use my creativity to build new solutions.

Client: HCL – New Jersey

Oct 2021 – Till Date

Job Title: Full Stack Engineer and Architect

Building interactive tool for Data science Service Ticket System. Explored deep drive analysis through machine learning topic modeling, High advanced queries for multiple data tables joins secured API endpoints, and high chart in ReactJS for ease drill down of finding anomalies, patterns, and correlations within large data sets to predict outcomes.

- The entire process automated designed in Python application to schedule the task of converting data from a given form to a much more usable and desired form and applied Machine Learning Algorithms & Mathematical modeling to produced daily new data into statistical knowledge.
- Building complete new UX and UI component factory for reusable to all the new apps in ReactJS v17.
- Micro Frontend architecture code designed for every single tile level presentation and hooking with individual dynamic API payload endpoints. Connections and exchanging data all the tiles with each other. Designed Web Component codes for versioning bundle. Setup custom infrastructure for deploying versioning component.
- Infrastructure designed for the Data Science project in AWS ECS, front-end/backend code deployment. Used Artifactory for uploading packages, Unit Test, Git, Jenkins Pipeline and Load Balancer.
- Unstructured data into structured table for analytic and designed and configured in docker containers the Postgres data pipeline for daily fetching data from different systems. Used Talend and Microservices (Nodejs/Python) to aggregate and filtering raw data into lookup datasets. Connected with API's and secured crypto libraries to the UI.

Client: FINRA - Rockville, MD

Oct 2020 – Oct 2021

Job Title: Cloud Engineer / DevOps / Full Stack Engineer (AWS/NodeJS/Python/React/Angular)

Built interactive US GOVT. SEC and FINRA supporting application like Query tool and Request Viewer to track insider stock trader fraud transactions.

- Building complete new UX and UI component factory for reusable to all the new apps in angular & React.
- Writing Web Component Library for versioning bundle scripts. Setup custom infrastructure for deploying versioning component scripts. Deep understanding Angular & React Services, State Management, Life cycle and Stylesheets.
- Setup the AWS ECS, Cognito Oauth, orchestrator and EC2 & fargate for deploying internal automation, front-end/backend code deployment. Used Artifactory for uploading packages, Setting up Unit Test, Git branches
- Created WebSocket, Redis Services to support Messaging between apps. Similar like SNS in NodeJS.
- Maintaining & created Cloud S3 Bucket, CLI, RDS, BOT, IAM, Storage, API Gateway, Monitoring Logs, scale.
- Used NodeJS, Python & Java for building backend API connections to the services (HTTP, WS, DB, Logs) Business Logics.
- Used Jenkin to Build CI/CD Pipeline for building Project, Unit Test, Docker Image (ECR-EC2) deployment, API Gateway, Aws Security and Policies.

Employer ADP Inc (Fulltime) – Roseland, NJ

Oct2016 to Oct 2019

Job Title: Sr. Application Developer - MERN

Worked as senior software engineer for CEH project and developed SPA to summarize complete details from several systems.

Achievement

- Worked with DevOps on critical time and Setup while Docker environment before released.
- Worked with different teams to designed and developed NGINX Dynamic Router configuration.
- React v16, Redux framework, Node JS, Custom Element, Code Splitting, GraphQL
- Express, Service Worker, MongoDB, CQRS, WebSocket, Message Queue, Splunk, Webpack, NGINX, Apache
- Worked with DevOps on critical time and Setup while Docker environment before released.
- Worked with different teams to designed and developed NGINX Dynamic Router configuration.
- React v16, Redux framework, Node JS, Custom Element, Code Splitting, GraphQL

- Express, Service Worker, MongoDB, CQRS, WebSocket, Message Queue, Splunk, Webpack, NGINX, Apache

Columbus International Corp,
Client: First Republic Bank, CA,

Nov 2015 - Oct 2016

Job Title: Sr. Programmer Analyst - MEAN

Worked as a consultant in a web team building Portal & Reconciliation Stock Market Values for First Republic Bank - Bank. Have worked extensively with nodejs, AngularJS, Angular 2, ReactJS, Strongloop, Lodash, Bower, npm, express, grunt, gulp, bash scripts, bootstrap, mobile responsive, JSON, mssql & mongo connectors.

Angular 2 with TypeScripts:

Worked with Angular 2 framework to migrate Angular JS 1.x version to Angular 2 in typescripts. Repel all the config, directives, Controller, run, and all angularJS directives such as ng-* replaced with new *ng in all html. Replaced all controller/directive logic into Components. and Services are more like class oriented it has all encapsulated functions. Hybrid app. Routing, Routing with Param, Changing View and Nested View. Injecting Components. Html new angular 2 directives for interpolations, Pipes for filters, and Bootstrap with Less css. Built Gulp process to watch all the typescript new code change which converted into ES6 format for new browsers

NodeJS:

Power full backend architecture created for reconciliation stock business application by using StrongLoop, Nodejs, grunt, express, mssql and mongo connector. In recon application backend business logics used remote-methods api endpoint for callbacks. It connect loopback multiple datasources such as MSSQL/ MongoDB/ memory DB. Filtering and relationships different data sources models for pulling daily million records for reconciliation. Used LODASH modules for comparing, aggregation to multiple datasets. Auto CORS/Restfull CURD api helps AngularJS application for isomorphic design pattern. Created lots of gulp logic to encrypt database password for deployment. Also, Created deployment bash script to bundle all the code for easy deployment.

Client: Wells Fargo,

Sep 2014 to Jan 2015

Job Title: Sr. Programmer Analyst –MEAN & .Net

Worked as a consultant in a web team building Wealth Management and Universal Portal Projects & Build tools for Wellsfargo - Bank. Have worked extensively with .net, AngularJS, Node and NPM.

Developed single-page angularJS application with solid UI framework during my assignment. Created many custom own directives, Services, Factories, OAuth Token Http and Played with JSON object in single page application. Also, created own SDK for other developer to inherit my codes for generating UI and JS http callback. During the assignment i have also worked with GULP, browsify, requires, sass, jasmine, html5, bootstraps and other web frameworks.

NodeJS:

Created custom modules for API / functional testing for UI in continues integration for Wealth Management & Universal Portal. Also, Used Jasmine framework for business to view test results. Grunt Project to minified all JS/CSS files for continues integration. Also, Used express API to connect mon-goose database for pulling config information for UI.

Angularjs:

Created rich, highly interactive responsive bootstrap web apps, web components for Portal system Assignment that automates creating of independent app that inject in Portal Project. Created bulk of services, Factories and provider objects in Angularjs that support OAuth, Routing, Controller Scopes & Rootscopes & Json Binding for Http Callback with \$q promise object. On fly modules injection possible with my SDK which help drastic web app performance. All custom modules (APPs) are partial and easy to refactored independently

Quikstor - Van Nuys, CA

Job Title: Programmer - IOT, Android App, .net

Created web API services that support any form of interfaces. Designed and maintained secure and scalable multi - tier web applications. Wrote algorithms to support for different user interface such as ATM, KIOSK, Third Party Software, IOS, Windows & Android Native app. Implemented memory management and multi - threading for optimizing web applications.

Android Roles and Responsibilities:

Used Java Programming language and Android SDK Library, Created User Interfaces and binding with functions. Developed Web Service pooling data used ASYNC, Runnable, Thread method.

Raspberry PI Roles and Responsibilities:

Used OpenJDK6 and Java Programming, Vastly used threading, runnable method to send data form LINUX TO WINDOWS and vice versa., Program update from linux to windows by IP address and vice versa.

