SHIVAM SANJU

Fullstack Software Developer

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EXPERIENCE

Senior Software Engineer
Tredence Analytics

📅 Jan 2023 – Present   📍 Bangalore, India

`React.Js` `Oauth2.0` `Docker` `WebSockets` `WebRTC`

- Designed and developed data models and REST APIs for an low code python IDE web application for data science.
- Accomplished user collaboration in the IDE application which resulted in improved user experience and faster development using WebSockets and WebRTC for video calls.
- Handled the complete authentication and authorization (role based access) for the application using OAuth 2.0 with Ms AAD.

Software Engineer
Tredence Analytics

📅 July 2021 - Jan 2023   📍 Bangalore, India

`Next.Js` `FastAPI` `PostgreSQL` `Node.Js`

- Developed Rest APIs for LinkedIn's Feathr feature store using Python's FastAPI framework which was then consumed by Tredence's internal feature store web application.
- Developed UI screens and SQL queries for a finance dashboard web application, providing the finance team within the organization with a real-time view of all finance metrics using Next.JS and Azure Databricks.
- Accomplished faster read api responses under 500ms resulting in improved performance by optimizing SQL queries and adding database indexes.

PROJECTS

NextAuth Session Manager (NX)

📅 Nov 2022   🔗 Project Link

`Next.Js` `NextAuth` `Oauth2.0` `Key Value Store`

- This package serves as an extension to the next-auth package, seamlessly incorporable into pre-existing projects based on next-auth with minimal setup.
- It employs in-memory caching to retain both session keys and user data. The session key undergoes periodic refreshes, as determined by the user, ensuring that only a single session key remains valid across all client instances at any given time.

Coding Website

📅 July 2022   🔗 Project Link

`React.Js` `Express.Js` `JWT` `PostgreSQL`

- A web application designed for the purpose of solving coding challenges, incorporating an integrated IDE, built using React for the front end, Express for the back end, and PostgreSQL as the database management system.
- The deployment of this system is done using continuous integration and continuous deployment on the Vercel platform.

EDUCATION

Bachelor's of Engineering (EEE)
MS Ramaiah Institute of Technology

📅 Aug 2017 - Jul 2021   📍 Bangalore, India

PROGRAMMING

JavaScript / Node.Js	●●●●●
TypeScript	●●●●●
Python	●●●●●
Java	●●●●○
Go	●●●○○

TECHNOLOGIES

React.JS	●●●●●
Next.Js	●●●●●
Node.Js	●●●●●
FastAPI	●●●●○
Oauth 2.0	●●●●●
Redux	●●●●○
PostgreSQL	●●●●●
Git	●●●●●
Docker	●●●●○
Rest API	●●●●●
WebSockets	●●●●○
gRPC	●●●○○
Azure Databricks	●●●○○

IT CONSTRUCTS

Data Structures & Algorithms	●●●●●
Databases	●●●●●
OOPS	●●●●●
Computer Networks	●●●●○

ACHIEVEMENTS

🏆 **GATE - All India Rank 1427**
📅 March 2021

🏆 **Pat on the back award**
📅 June 2022