

SHIVAM SANJU

Software Developer

@shvmsanju@gmail.com 7676796647 Bangalore, India linkedin.com/in/shvmsanju/ github.com/shivamsanju shvmsnju.vercel.app

EXPERIENCE

Senior Software Developer

Tredence Analytics

Jan 2023 – Present Bangalore, India

Node.Js Oauth2.0 Docker WebSockets React.Js

- Leading the backend development of a low code python IDE web application for data science using Node.Js.
- Accomplished user collaboration in the IDE application using WebSockets and WebRTC which resulted in improved user experience and faster development.
- Assumed responsibility for complete authentication and authorization, implementing role-based access control using OAuth 2.0 with Microsoft Azure Active Directory ensuring the security of the IDE application for all users.
- Collaborating with cross-functional teams to understand business requirements and ensure timely project delivery and resolve dependencies.

Software Developer

Tredence Analytics

July 2021 - Jan 2023 Bangalore, India

FastAPI PostgreSQL Node.Js Next.Js

- Developed Rest APIs for feature store service using Python' FastAPI web framework which was then consumed by a feature store web application.
- Optimized the existing API response times by refactoring code, SQL queries and adding database indexes resulting in faster response times under 500 ms.
- Developed dynamic UI screens and SQL queries for a finance dashboard web application using Next.JS and Azure Databricks which provides the client with a real-time view of all finance metrics.

PROJECTS

NextAuth Session Manager (Project Link)

Nov 2022

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 session keys and user id. The session key undergoes periodic refreshes, as configures, ensuring that only a single session key remains valid across all client instances.

Coding Website (Project Link)

July 2022

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.

EDUCATION

Bachelor's of Engineering (EEE)

MS Ramaiah Institute of Technology

Aug 2017 - Jul 2021 Bangalore, India

PROGRAMMING

JavaScript / Node.Js	●●●●●
Python	●●●●●
Java	●●●●●
Golang	●●●●●
TypeScript	●●●●●

TECHNOLOGIES

Node.Js	●●●●●
FastAPI	●●●●●
Next.Js	●●●●●
React.JS	●●●●●
Oauth 2.0	●●●●●
PostgreSQL	●●●●●
Docker	●●●●●
Rest API	●●●●●
WebSockets	●●●●●
Git	●●●●●
CI / CD	●●●●●
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