AKSHAY IYER

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SKILLS

Languages & Framework: Typescript, Node JS, Dart, Express, NestJS, React, Flutter

Database: MySQL, Postgres, MongoDB

Communication Mechanisms: WebSocket, REST API and Message Queues

EXPERIENCE

IQZ Systems

Software Engineer (June 2022 – Present)

- Developed front end and backend of the SAAS product using React and NodeJS.
- Responsible for end-to-end development for several microservices in the architecture
- Enriched the code quality and removed vulnerabilities by using unit test cases and SonarQube to vet out several code smells.
- Worked on implementing the OAuth 2.0 authorization protocol for the application.

OyeLabs

NodeJS Developer - Full Time (February 2022 – June 2022)

NodeJS Developer – Internship (August 2021 – January 2022)

- Developed several Node JS based REST API to cater the web and mobile applications.

Gathrr

Flutter Developer – Internship (October 2020 –February 2021)

- Designed and developed the front-end application using Flutter.

EDUCATION

Smt Kashibai Navale College of Engineering, Pune Maharashtra

- Bachelor of Engineering (Electronics and Telecommunication)
- Year of Passing 2021
- Score: 6.85 CGPA

PROJECTS

Three factor authentication System for WSN

- Having a NodeJS runtime environment and using express as the framework deployed three nodes representing the user, gateway, and sensor nodes on local machines.
- Used ECC algorithm to authenticate the user. Socket connection was established between each node.

Discord bot

- Created a bot using express which could be used in discord channels by people to perform various activities in the channel which include music control, checking for members who violate the norms of the channel and few more.

Real time chat application

- Delivered the application using express for the backend, React for the front-end and web socket as a communication mechanism.