Swarnava Kundu

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Pune, Maharashtra

Summary

Full stack Developer well versed in mern stack, JavaScript (es6), React ,micro frontend architecture, express.js, MongoDB, node.js, PostgreSQL with two plus years of experience.

Experience

Software Developer

Gatha Technologies llp • Pune, Maharashtra
06/2022 - Present

- Created a mern stack based app called eose which is a mapping tool to understand customer needs. Created api using node and express and deployed the app in aws lightsail.
- Worked on RINGS app which is a mapping tool to help make better business decision for European Union National Olympic Committee.
- Created spider chart and bar chart using D3.js
- Worked on a complex feature of merging of large PDFs on frontend.
- Built a mapping tool for European Observatoire of Sport and Employment. Created a google form like step form using wrapper component in react it acts both as a form and a static page to give rating depending on the type of user signed in e.g. admin
- Worked with express.js. Created Database tables and one to many relationships and API's to manipulate the data in postgresql using sequelize.
- Implemented jwt token based middleware for authentication.
- Worked on a React Native project to upgrade the existing React Native project from v0.39 to v0.71 the whole routing for the app had to be changed due to version upgrade.
- Migrated an existing backend from no code platform called backendless to aws lambda.
- Wrote data migration script in python.
- Deployed the express app as a monolith using serverless framework in a single lambda function.

Senior Analyst

Capgemini • Kolkata, West Bengal
06/2021 - 11/2021

Hydra Project

- Migrating an existing codebase from angular to react for a financial corporation.
- Worked on frontend microservices using single-spa and react.
- Writing test cases using jest.

Associate Software Engineer

Weeclu solutions (Pluspin Healthcare) • Hyderabad, Telengana
03/2021 - 06/2021

Pluspin Healthcare Webapp

- An app to book orders for medical equipment, medical stuff and doctor consultation.
- Worked on frontend with react, context-api and redux to create the form submission.
- Payment gateway integration using stripe library and express.js.
- Debugging existing node.js issues.

Skills

JavaScript, ReactJS, Redux, Tailwind css, single-spa , Micro Frontend, Node.js, Express.js, PostgreSQL, MongoDB, aws lambda, aws lightsail

Education

Mtech Bioinformatics (CGPA: 8.4)

University of Hyderabad • Hyderabad, Telengana
07/2019

- Gate Scholarship (2017-2019)
- Gate AIR Biotechnology: 632.
- percentile 91
- Mtech Project: A web application to predict the blood brain barrier permeability of small molecules. Backend: Flask, python, gradient boosting, smote.
- Frontend javascript
- https://github.com/swarnava-kundu-au5.
- React project: https://github.com/swarnava-kundu-au5/devHub

Languages

English, Hindi, Bengali