Kalpanath Majhi

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EDUCATION

CEC Engineering College   **india**
B.Tech in Et&t   *July 2018 - August 2022*

TECHNICAL SKILLS

Programming Languages: Java Script, Python, Dart.
Frontend : Next.js, React.js, Redux, Flutter, Swift
Backend : Node.js, Express,Django, RestApi, GraphQL
Databases and Tools : Mongo DB, My Sql, Postman, Git

WORK EXPERIENCE

SDE 1

Glide Insurance , Hyderabad, India   *July 2023 - Current*
* Elevated response rates by up to 50% by fine-tuning query parameters in a high-performing **REST API** crafted with Express using **Node js**, fostering advanced revenue insights for business enhancement. .
* Engineered the entire website over, **NEXT.JS & React** with 50% performance enhancement, also used Bootstrap, for animation **GSAP** with responsive pin Integrated with Google Analytics for better insights into increasing click-to-action rates, average user count by 40%.
* Enhanced **React and Next.js** internal dashboard with SIBRO Rest API integration for real-time sales and performance data retrieval, integrated **cloud syncing**, and incorporated percentage-based key performance metrics for comprehensive analysis.
* Building Mobile Application over Flutter for, new Business expansion.

Software Developer (Intern)

Grid Energy, Gurugram, India   *Feb 2023 - April 2024*
* Increased user registration efficiency by 24% through the implementation of a streamlined registration page using **React.js** and **Material UI**, coupled with Firebase for secure user authentication.
* Implemented the QR Scanning feature for adding battery packs to the database using react-QR-reader.

Matlab Intern

Small Wonders, Pune, India   *May 2021 - July 2021*
* Execute Control Systems (PI, PID) based on mathematical models in Matlab/Simulink, maximizing their efficiency by 95%.
* Conduct testing of 50 simulations and x25 closed-loop tests.
* Implement unit and integration tests in the test suite for 100 systems, and generate reports for profiling in MATLAB for 50 systems.

PROJECTS

* **QKart ECommerce Full stack –** QKart's e-commerce platform with **React.js & Material UI**, boosting checkout completion by 20%. Improve UI with responsive design, elevating mobile engagement by 25% and reducing exit rates by 15%. Leveraged **Express.js, JWT authentication, bcrypt, decrypt,** and **Multer** for robust backend operations. Optimized checkout efficiency with MongoDB. Try it!
* **XFlix Full stack –** XFlix's **React.js frontend** saw a 50%+ boost in responsiveness and user-friendliness. Postman collections aided **API** comprehension, and a mock backend server via **Postman** Mock refine testing with a 70% increase in server response rates. **MongoDB**, optimized with the **Aggregation pipeline**, achieved a remarkable 90% acceleration in data transfer speeds. Try it!
* **Hyperlocal Grocery Mobile Application**, **Flutter** – Application for hyper-local Delivery, a cross-platform application with Minimal UI Git hub

CERTIFICATIONS

* Google Crash Course with Python   Link
* Introduction to Git and Github   Link

EXTRACURRICULAR ACTIVITIES

* **Student President** in Smart Club - Feb 2021 - April 2022
* **National Level Table Tennis Player** - School And University