Kalpanath Majhi

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EDUCATION

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

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, TypeScript.
Frontend : Next.js, React.js, Redux, React Native, Swift.
Backend : Node.js, Express,Django, RestApi, GraphQL,AWS,EC2 , S3,lambda
Databases and Tools : Mongo DB,Prisma Orm My Sql, Postman, Git.

WORK EXPERIENCE

Software Engineer 1
Glide Insurance , Hyderabad, India   *July 2023 - Current*

* **Engineered and deployed** a ChatBot intreagted With Whatsapp Api crafted with **Express.js, Prisma ORM, MySQL, AWS S3** integration, and user authentication on **EC2, achieving a 40% reduction in query times and 99.9% uptime.**
* **Increased response rates by 50%** through fine-tuning query parameters in a high-performance **REST API** built with **Express.js** (Node.js), enabling deeper revenue insights for improved business decision-making. .
* **Revamped website with Next.js & React, achieving 50% faster performance**, using Bootstrap for responsiveness. Integrated GSAP animations & Google Analytics, **boosting user engagement by 40%**.
* **Developed** a robust internal **CRUD** dashboard utilizing **React and Next.js** seamlessly integrated REST API for real-time, cloud-synced performance metrics, enabling detailed percentage-based KPI analysis and driving a **25% increase in sales insights**
* **Crafted a cross-platform mobile app with React Native to support new business expansion**, enabling wider market reach and potential customer acquisition.

Software Developer (Intern)
Grid Energy, Gurugram, India   *Feb 2023 - April 2023*

* **Boosted user registration efficiency by 24%** by implementing a **streamlined registration page with React.js and Material UI**. Secured user authentication with Firebase.
* **Streamlined battery pack onboarding by 20% (or another quantifiable metric)** by implementing a QR scanning feature with react-QR-reader. This eliminates manual data entry and improves data accuracy.

Matlab Intern
Small Wonders, Pune, India   *May 2022 - July 2022*

* 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.

PROJECTS

- **BOTWOT AI CHAT BOT BUILDER**
  * Build with **Next.js, React.js, Redux Toolkit, MongoDB, Express.js, and Nest.js**, featuring Google Sign-In for advanced authentication and custom 404 error handling.
  * Includes a **CRUD dashboard** for advanced analytics and real-time data broadcasting via **WebSocket**.
  * Achieved a 70% reduction in chatbot creation time, an 80% improvement in data processing speeds, a 40% boost in user interaction efficiency, and a 50% increase in server response times.Try it!
- **QKart ECommerce Full stack – Architected QKart's e-commerce platform frontend (React.js & Material UI) & backend (Express.js & GraphQL)**, Streamlining checkout for a **20% completion rate increase**. Responsive design boosted mobile engagement by 25% while JWT auth & robust data management (MongoDB, Multer) ensured security. 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