

CONTACT

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AKANKSHYA MOHANTY

Pune, Maharashtra

EDUCATION

- Graduation:
College of Basic Science and Humanities
OUAT, Bhubaneswar - Bachelor of
Science (Computer Science).

TECHNICAL SKILLS

- **Technologies:** JavaScript, Node js ,
REACT js , Express js ,Python , Django
- **Databases:** MySQL, MongoDB
- **IDE:** Vscode, pycharm.
- **Operating Systems:** Windows 10
- **Frameworks:** DRF ,Axios, bootstrap5,
antd ,Pandas.
- **Testing Tools:** JUNIT5
- **Versioning Tools:** GIT, Bitbucket,
SourceTree.
- **API Management Tool:** Postman,
Swagger Hub.
- **Other Tools:** Debugging.

ABOUT ME

- Father's Name: Manoj Ranjan Mohanty
- Mother's Name: Mitarani Mohanty
- DOB : 10 April 1999
- Address : Bhubaneswar , Odisha , India

OBJECTIVE

A skilled Full Stack developer with proven expertise in using new tools and technical developments to drive improvements throughout an entire software development lifecycle. Having extensive industry and full life cycle experience in a JavaScript and python-based environment, along with exceptional analytical, design and problem-solving capabilities. Excellent communication skills and able to work alongside development teams to define and refine new software functionality.

WORK EXPERIENCE

- Having overall 4 years of hands-on experience in Web App Development, Implementation and Web-based application using **React js , Node js ,Express js ,Python, Django , Django REST Framework.**
- Having good knowledge on **Logging, Exception Handling algo with async await for single thread or inputoutput operation, event loop and callback functions.**
- Having strong knowledge of **Object-Oriented Programming and also object-based programming.**
- Working experience in **GitLab** and **BitBucket.**
- Working experience in **Source tree** and **jira tool.**
- Having good work experience with **MySQL** database and for noSQL Database **Mongodb.**
- Working exposure on IDEs like **VS code.**
- Having Good knowledge on **Agile Methodology.**
- Implemented state management using **Redux** to efficiently manage application state and enhance performance.
- Utilized modern **JavaScript (ES6/ES7)** features to write clean, maintainable, and scalable code.
- Optimized application performance through code profiling, **debugging**, and implementing performance improvement strategies.
- Developed responsive and dynamic user interfaces using React.js, ensuring a seamless user experience.

WORKZONE AND ORAGANIZATION

- Elixia Technologies Private Limited Since Jan 2022 to till date.
- Sevasys Technologies India Pvt Ltd from Mar 2020 to Dec 2021.

PROJECTS

Project Sequence 1

Project Name: <https://account.elixa.ai/> (<https://www.haberwater.com/>)

Client: Haber

Technology & Tool:- React js , JavaScript Node js , Express js , Highcharts , antd

design , Axios

Business and Technical Flow of Project:

With HABER's eLIXA® platform for process, you get access to the whole picture in real time. eLIXA® is a secure cloud based platform that integrates data collected through sensors across your plant and controls mechanical, operational and chemical parameters. Data can be accessed and controlled through existing plant's Supervisory Control and Data Acquisition (SCADA) system, eLIXA® EDGE device and through web-based dashboards remotely. The main key process is Real-time, AI driven automation to maximize plant efficiency & output, HOW eLIXA WORKS:

- **Robotic Sampling:** Auto sampling enables real-time process monitoring that replaces the manual sampling processes and provides a rich data set. It eliminates manual intervention and provides an accurate data.
- **Collecting Real-time Data:** Collecting real-time data from sensors, smart devices, and propriety equipment installed at strategic positions in the client site.
- **Data-Driven insights:** Analyzing trends and deriving hidden patterns using state-of-the-art statistical and machine learning techniques transforms data into actionable intelligence.
- **Automated Intervention:** AI algorithms running continuously on the eLIXA platform allow for real-time monitoring and control of the entire system thus, maintaining output quality and reducing its variability.

Roles and Responsibilities

- Analyze and control the entire system through Edge means, Edge provides real-time analysis and control of the entire system and displays crucial parameters of various processes running at the plant through an HMI screen, with a mission to help industries become sustainable by converting data to actionable intelligence.
- Monitor client production from the elixa.ai dashboard, it's a web portal that helps you monitor the real-time data of different processes running at the plants through intuitive charts and a KPI matrix. Also, allows customer to control dosing at plant remotely through web portal from anywhere in the world.
- Create reusable and modular React components that make up the various sections of the application.
- Implement state management using React's state and props to ensure a dynamic and responsive user interface.
- Set up and manage navigation between different sections of the application using React Router or a similar routing solution.
- Write JavaScript code to handle dynamic behavior, client-side validation, and other interactive features within the application.
- Use JavaScript to make asynchronous requests to the backend server using technologies like Axios for seamless data retrieval and updates.
- Integrate Highcharts to visualize data in the form of charts and graphs, presenting production progress, order status, and other relevant metrics.
- Customize Highcharts configurations to match the design and functionality requirements of the application.
- Leverage antd Grid system for responsive layout design and ensure a cohesive look and feel across different screen sizes.
- Test and ensure that the application functions correctly across different web browsers.

Project Sequence 2

Project Name: Kaiznn (<https://www.haberwater.com/kaiznn#order>)

Client : Haber

Technology & Tool :- React js , JavaScript , Python , Django , SQL ,

antnd design , Axios

Business and Technical Flow of Project:

In the context of paper manufacturing, the term "deckle" refers to the boundary or limit of the paper web on the paper machine. "Deckle matching" involves aligning the edges of adjacent paper sheets or rolls to ensure a smooth and consistent finish. This process is crucial for maintaining quality and appearance in the final paper product. Optimize your deckle matching with Kaiznn means kaiznn helps to Achieve maximum efficiency by reducing your trim loss and improving your order fulfillment to delight your customers , the main objective of the project is to

- **DECKLE MANAGEMENT**
 - Deckle Matching Solution in Seconds: Get multiple optimized deckle match solutions in seconds with fulfillment and scheduling details. Choose the fulfillment and trim loss combination solution based on your business preference.
 - Generate Multiple Solutions: Save time by generating deckle match solutions for multiple grades, GSM and qualities at the same time. The smart alert assistance ensures no important orders are missed for the any quality while matching deckle.
- **Track production progress**
 - Track production progress: Manage your production and rewinding schedule with ease. Stay updated with real time information on jumbo roll utilization and production quantity.
 - Reports & Analysis: Manage your production and rewinding schedule with ease. Stay updated with real time information on jumbo roll utilization and production quantity.
- **ORDER MANAGEMENT**
 - One stop Order Management: Record your orders with size and delivery details. Approve and prioritize the important orders to match them on the deckle first. Track the status and progress of the orders at one place.
 - Real-Time Information: Stay updated with the order progress. Generate reports to analyze orders for internal analysis and discussions.
- **CONFIGURATION**
 - Configure your production facilities: Manage your production capabilities by configuring your machines and rewinder. Get a holistic view of qualities you make, products you produce and customers you serve.

Roles and Responsibilities

- Continuous Analysis and coding and improvement in the UI of kaiznn .
- Bug fixes and testing of the Kaiznn .
- Developed the login and customer management screen for Kaiznn .
- API integration for end-to-end development.
- Implement error handling mechanisms to gracefully manage API failures and provide appropriate feedback to users.
- Optimized interfaces between hardware and software to enhance usability.
- Reviewed information regularly on websites and pages to ensure 100% accuracy.
- Document your code to facilitate collaboration and maintenance by other team members.
- Document your code to facilitate collaboration and maintenance by other team members.
- Leverage antd Grid system for responsive layout design and ensure a cohesive look and feel across different screen sizes.
- Use antd form components for efficient data input and validation.

Project Sequence 3

Project Name : Ausses switch

Vertical : Telecom OSS-Provisioning and Activation

Client : Ausses Broad Band, Austrlia

Technology & Tool :- Python , DRF, SQL, Django , React js

Business and Technical Flow of Project: Powerful industrial communication networks are the foundation for digitalization. Within these networks, data must be systematically and reliably distributed across all levels. Industrial Ethernet switches are perfect for the job. With SCALANCE X, Siemens offers several product lines with different functional scopes depending on the specific networking task – the right switch for every application. The segmenting of networks by means of virtual local area networks (VLANs) significantly boosts cyber security. VLANs act as broadcast blockers and only permit data traffic between defined participants, meaning that potential cyber-attacks can affect only a small number of participants, if any.

Roles and Responsibilities

- Understand and Analyse Customer requirements and Business logic .
- Built multifunction readmission reports using python pandas and Django frame work.
- Involved in Preparing Low level Design of Application .
- To take part in software and architectural development activities.
- Involved in designing and preparation of call flows with usability services.
- Perform data exploratory analysis using Matplotlib, Collected historical data and third party data from different data source.
- Improved Operation activities. Used Linear & Logistic Regression, Perform data cleansing, data imputation and data preparation using Scikit Learn and Numpy.
- Conduct software analysis, programming, Unit and White box testing and debugging.
- Identifying production and non-production application issues, Ensuring designs comply with specifications, Transforming requirements into stipulations.
- Support continuous improvement, Investigating alternatives and technologies, Presenting for architectural review.
- Managing Python application development ,Develop, test, implement and maintain application software.
- Validated already developed python reports. Fixed the identified bugs and re-deployed the same.
- Recommend changes to improve established python application processes, Develop technical designs for application development.
- Develop application code for python programs, Involved in client interaction to sort out the Requirement issue .
- Used hpalm to Handle Defect management Process .
- Implementing a Working Timeline and Deadline Adherence.

Declaration: -

I hereby declare that the above-mentioned information is correct to the best of my knowledge

Date:

Location

Regards,