Pinaki Batabyal

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EXPERIENCE

Software Developer
Aponiar Solution   **July 2022 - Present，Kolkata,India**

• Developed multiple web applications using React, Node, and MongoDB, enabling the applications to acquire critical information and key metrics of clients.

PROJECTS

Frontrol Workbench
Aponiar Solutions • https://webapp-frontend-aecom-p1w2.azurewebsites.net/ • January 2023 - Present

• Transformed Frontrol Workbench from a static application to a dynamic and flexible tool for managing company-wide projects, increasing user count by 50% and raising user satisfaction by 30%.

• The core objective of this project is to transform the user interface, making it more intuitive and efficient for our client. We aimed to streamline project creation processes, reduce complexity, and enhance overall usability.

• As of September 2023, we have successfully completed Wave 2 of this substantial project. However, it's essential to note that this undertaking is extensive and multifaceted. While Wave 2 is a significant milestone, there are more phases to come. We are committed to continuous improvement and anticipate delivering further enhancements and refinements in the upcoming stages.

• Throughout this project, we have harnessed our expertise in the following key technologies and skills.

• HTML5: Used for structuring the web pages and ensuring compatibility across different browsers,React.js: Empowered the development of dynamic, interactive user interfaces, Cascading Style Sheets (CSS): Applied to enhance the visual appeal and layout of the application, JavaScript: Implemented for creating responsive and engaging frontend functionalities.

• This project reflects our dedication to delivering user-centric solutions and leveraging the latest technologies to optimize our client's experience. We look forward to continuing our journey of improvement in collaboration with our client as we work towards further project milestones.

Traning Module
Aponiar solution • October 2022 - December 2022

• Created a custom training module with a focus on web development, which resulted in a 20% increase in retention rates.

• Transformed the learning experience for junior team members, making it both enjoyable and well-structured by leveraging the power of technology and modern web development tools. Created an environment that fosters skill development, knowledge retention, and enthusiasm for web development.

• Developed a comprehensive training application within a three-month timeline, to provide junior team members with a solid foundation in web development and equip them with the skills necessary to contribute effectively to projects.

• The Training Module stands as a testament to our commitment to nurturing talent within our organization and ensuring that our team members are well-prepared to tackle the challenges of the web development landscape. It is not just a tool; it represents our dedication to the growth and success of our team.

• Created a Training Module for a new employee process, which decreased training time by over 40%, HTML: Employed for creating the foundational structure of the training app, Bootstrap (Framework): Utilized to ensure a responsive and consistent user interface,React.js: Enabled the creation of dynamic and interactive learning modules, Cascading Style Sheets (CSS): Applied to enhance the visual appeal and layout of the application, JavaScript: Implemented for adding interactivity and functionality.

Birthday Alert
Aponiar Solution • August 2022 - November 2022

• The Birthday Alerts project originated as a home project assignment with a simple yet meaningful purpose. Within our company, we were experiencing the unfortunate trend of missing many of our colleagues' birthdays. To address this, I was tasked with creating an application that would serve as a friendly reminder and celebration tool. The primary goal was to develop an app capable of sending birthday alerts via email and Slack messages to ensure that no special day went unnoticed.

• The core scope of this project was to address a common issue within our organization—missed birthdays. We aimed to make the process of acknowledging and celebrating colleagues' special days more efficient and inclusive. The app was designed to automate the birthday notification process, ensuring that every team member received a message on their birthday, either through email or Slack.

• Within a span of four months, the Birthday Alerts project was successfully delivered. Today, it stands as a valuable tool within our company, ensuring that no birthdays go unnoticed and fostering a sense of camaraderie among team members. By automating the process of sending alerts, we've not only improved birthday recognition but also strengthened the bonds within our organization.

• The Birthday Alerts app is a testament to our commitment to enhancing workplace culture and ensuring that every team member feels valued and celebrated on their special day.

• MongoDB: Utilized to store and manage birthday data efficiently. HTML5: Employed for creating the app's web-based user interface.Express.js: Enabled the development of robust backend APIsReact.js: Ensured the creation of a dynamic and responsive frontend.Cascading Style Sheets (CSS): Used for enhancing the app's visual appeal and user experience: Empowered the backend development and server-side scripting.JavaScript: Implemented to add interactivity and functionality to the app.

EDUCATION

Bachelor of Engineering - BE, applied electronics
University Institute of Technology, The University of Burdwan • 2022

Bsc in data science and programming, Data science
Indian Institute of Technology, Madras • October 2021

isc, science
EAST WEST MODEL EDUCATION INSTITUTE, BURDWAN • 2018

SKILLS

Industry Knowledge: Express.js, Back-End Web Development, Engineering, Programming, Programming Languages

Tools & Technologies: MongoDB , , , SASS, HTML , , , HTML5, Bootstrap (Framework), React.js, Cascading Style Sheets (CSS), MongoDB, Node.js, JavaScript, Java, C (Programming Language), Python (Programming Language), C++, Core Java, HTML, Microsoft Azure

Languages: Bengali, English, Hindi