**Key Responsibilities**

* Develop and implement the core architecture for the platform using **Node.js** for the backend, **React** for the frontend, and **PostgreSQL** for the database. All using **Docker**.
* Build and maintain the various user dashboards:
  + An intuitive, child-friendly Student Dashboard.
  + A feature-rich Teacher Dashboard for class management.
  + A Parent Dashboard for monitoring student progress and communication.
  + A comprehensive Admin Dashboard to manage all aspects of the platform.
* Implement and manage features for student and teacher management, including user accounts, permissions, and data integrity.
* Develop a content management system to create, upload, and organize educational materials (PDFs, videos, presentations).
* Integrate third-party services, including the **Zoom API** for class scheduling and video conferencing, and other tools like **Google Calendar** and payment gateways.
* Ensure the platform is secure, with proper data encryption and user authentication mechanisms like two-factor authentication (2FA).
* Create systems for managing financial transactions, invoices, and discount coupons.
* Develop robust reporting and analytics tools to track student performance, attendance, and other key metrics.