

Yara Nuthan Kalyan

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EDUCATION

B.Tech in Computer Science and Engineering(Data Science)

MLR Institute of Technology (GPA:8.44/10)

2021 – present
Hyderabad, India

Intermediate

Sri Chaitanya Junior Kalasala (96.2%)

2019 – 2021
Hyderabad, India

TECHNICAL SKILLS

Programming languages | Libraries : Python, Java, Scikit-Learn, BeautifulSoup

Tools : VS Code, Jupyter, PowerBI, MS Excel (VBA), Tableau, Azure Data Studio, Git, Github

Web | Databases : HTML, CSS, JavaScript, Node.js, React, MySQL, Azure Databases, MongoDB

PROJECTS

Schulen - A Platform for Seamless Project Management for Students 🔗

Tech Stack : MongoDB, Express.js, React, Node.js

- Developed a virtual collaboration platform enabling students to create, manage, and collaborate on projects seamlessly.
- Built using the MERN stack (MongoDB, Express.js, React, Node.js) and deployed on Render for scalability and reliability.
- Implemented user authentication with secure sign-in/login functionality, storing user information in MongoDB.
- Designed RESTful APIs to handle project creation, fetch all project details, manage approval requests, and update project status dynamically.
- Enabled a request-based collaboration system, where users can request to join projects, and project owners can approve or reject requests.
- website : <https://schulen-app.onrender.com/> 🔗

Finaxial AI - Automating Financial Reporting 🔗

Tech Stack - Next.js, React, Node.js, Google Gemini API, MongoDB, Nodemailer (Email Functionality)

- Developed a full-stack financial analysis application using Next.js, React, and Node.js that processes CSV data and generates AI-powered financial insights.
- Implemented secure user authentication and workspace management with JWT token-based authorization, MongoDB integration, and RESTful API design principles.
- Created export functionality where we can export generated report in form of pdf using jsPDF.
- Engineered a document delivery system utilizing Node.js and Nodemailer for email functionality.
- Designed a workspace functionality to able to create new sessions, browser previously created session and also the history of report generation of every session.
- website : <https://finaxial-application.vercel.app/> 🔗

Streamlining Student Data Management 🔗

Tech Stack : HTML, Python Flask, Azure SQL Server, PyODBC, PowerBi, MySQL

- Automated end-to-end student data for over 5,000 students is stored in a database with 99.9% accuracy and real-time updates every 10 minutes.
- Engineered a Flask-based application to capture and process user inputs, enhancing data accuracy by 30% and reducing data processing time by 35%.
- Created an Azure SQL Server and DataBase in the Azure cloud and connected them to the Flask application using the pyodbc library.
- Prepared an ER model for table creation in the database.
- Performed CRUD operations on Azure SQL Server.
- Analyzed user activity by building a live dashboard using the PowerBI Semantic Model, and updating metrics every 5 minutes.

CERTIFICATES

Trained in Data Science by Rinex Techhnologies, 2022 🔗

Certified for course completion in Advanced MExcel by Udemy, 2023 🔗

Qualified for course completion in Data Analytics with Python by NPTEL,2024 🔗

ACHIEVEMENTS

- Achieved Top Data Analytics Voice badge on the LinkedIn platform.
- Acquired 4-star badge for SQL in HackerRank
- Solved 100+ problems on LeetCode

ORGANIZATIONS

Technical Lead 🔗

SCOPE Club, MLRIT

Led technical team for organising various technical events, mentored students during event.