PRAGALYA KANAKARAJ

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EDUCATION

BANNARI AMMAN INSTITUTE OF TECHNOLOGY **2022 - 2026**

B.E Computer Science and Design (CGPA 8.4 till 6th sem)

GREEN PARK INTERNATIONAL SCHOOL **2020 - 2022**

Higher Secondary Education (Grade 12 - 83%)

SKILLS

Software Tools: ReactJS , Golang , HTML , GitHub , CSS , Tailwind.css
Programming Languages: C (Beginner) , JavaScript , Java (Beginner)
Database : PostgreSQL , SQL

PROJECT

Course Exemption Portal

Mar 2024 – Aug 2024

Tech-stack : React.js
Project Link: https://github.com/PragaL15/IQAC-CE-Intern-

- Developed and enhanced frontend modules and improved **UI/UX by 70%** and enhanced user experience and user Interaction by adding more clarity to users.
- Made the application process automated and reduced the direct involvement of the students in the process physically.

Doctor-Patient Relation Manager

Oct 2024 – Jan 2025

Tech-stack : React.js, Golang, PostgreSQL
Frontend Link : https://github.com/PragaL15/med_admin
Backend Link : https://github.com/PragaL15/med_admin_backend

- Enhanced UI/UX by 90%, delivering an intuitive and efficient interface for patient record handling and doctor scheduling.
- Implemented secure **JWT-based authentication** with **role-based access control** , **secured API's** based on the user's role.

Paper Evaluation Monitoring Module

Dec 2024 – Jan 2025

Tech-stack : React.js , Golang , PostgreSQL
Frontend Link : https://github.com/PragaL15/coe_module
Backend Link : https://github.com/PragaL15/coe_backend

- Implemented real-time tracking for **faculty progress in paper correction,** ensuring seamless coordination with the board chairman.
- Enforced **data integrity** in PostgreSQL using foreign key constraints, **preventing duplication.**

INTERNSHIP

EKADYU ORGANIZATION Jan 2025 - Present

Role : Backend Development Intern

- Optimized backend systems using Golang and PostgreSQL, improving API response times by **70%**
- Designed and implemented efficient APIs, reducing data retrieval latency.
- Managed authentication, CRUD operations, and complex business logic, enhancing system security and scalability.
- Streamlined database queries, leading to **70%** improvement in performance and reduced server load.

DECLARATION

I declare that the above furnished details are true to the best of my knowledge and my belief.

Date : 4/03/2025 PRAGALYA K