

ARUN R

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EDUCATION

Coimbatore Institute Of Technology, Coimbatore, Tamil Nadu

M.Sc. Software Systems (2-Years Integrated)

CGPA: 8.055 (Till 3rd Sem)

2023 - Present

- **Relevant coursework:** Object Oriented programming, Database management system, Data structures and algorithms, Web development .

Sri Gopalnaidu Higher Secondary School, Coimbatore, Tamil Nadu

HSC (Computer Science, Mathematics)

Percentage: 80.83%

2021 - 2023

ACADEMIC PROJECTS

Student Info Management

Tools Used: C (Data Structures)

- Developed an application to manage student information, including academic details, grades, and percentages.
- It uses a heap data structure for quick access to top values and a hash data structure for fast retrieval of records based on student ID.
- The system also offers quick access to top-performing students, making it for efficiently managing and organizing student data..

Construction Management

Tools Used : C++ (OOPs)

- Developed a comprehensive application to manage various construction operations, featuring modules for project planning, resource allocation, and progress tracking.
- Implemented functionalities for GST billing and detailed account management, including expense tracking, invoice generation, and financial reporting..
- This system enhances operational efficiency, data security, and accuracy in financial management for construction projects.

Motor Insurance (Web Site)

Tools Used :

HTML, CSS, JAVA SCRIPT,
PHP, Tesseract-OCR library.

- Developed an application to manage various aspects of vehicle insurance, including obtaining new policies, making claims, and renewing existing insurance.
- It incorporates robust security measures, particularly in secure password validation, by utilizing OTP (One-Time Password) sent via email, ensuring that user data is well-protected.
- One of the standout features of this system is its implementation of vehicle number image comparison using the Tesseract-OCR library, which enhances the accuracy and security of vehicle identification.
- The application validates all user information efficiently and securely, maintaining high data integrity.

SKILLS

Programming Languages: C, C++, Python, Java, Javascript.

Web Development: HTML, CSS, JavaScript, PHP, Bootstrap, React, Nodejs.

Database: MySQL, MyPhpAdmin, Oracle, MongoDB, MSSQL

Other tools: VS Code, Excel.

CO- CURRICULAR ACTIVITIES

Joint Secretary, Datalytics Club of CIT

May 2024 - 2025

- Collaborated with a 20-member team to organizing and managing events, and facilitating communication between club members and the executive committee.
- The role also involves stepping in for the Secretary when needed and collaborating with other clubs for joint initiatives. Overall, the Joint Secretary ensures the smooth functioning of the club and the successful execution of its activities.

AREAS OF INTEREST

- Ethical Hacking & Cybersecurity
- Problem-Solving & Competitive Coding
- Software Product Design
- Database Management

ACHIEVEMENTS

- **Breach Point**
First place, Axios, PSG College Of Technology,
2024