Bala Atchaya R

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SKILLS

LANGUAGES | Java, Python, SQL, C, JavaScript
WEB DEVELOPMENT| HTML, CSS, **M**ongoDB, **E**xpress.js, **R**eact.js
Node.js, Bootstrap
SOFT SKILLS| Team player, Bias for action, Deliver results

EXPERIENCE

QANTLER TECHNOLOGIES
Web Developer Intern | June 2023 - July 2023, Tirunelveli
- Developed forms with **real-time validation**, reducing user-input errors by **25%.**
- Collaborated with teams to identify and report bugs, ensuring a seamless user experience.
- Implemented robust input **validation checks** to enhance user interaction and minimize errors.

NULL CLASS
Web Developer Intern| March 2023 - May 2023, Remote
- Integrated front-end and back-end technologies to ensure cohesive functionality, resulting in a **15%** increase in user engagement.
- Implemented **user authentication** functionalities for secure account management, reducing unauthorized access attempts by **40%**.
- Led the development of **a community feature page**, enhancing user interaction and retention by **25%.**

PROJECTS

Stack Overflow Clone [Link]
- Facilitated **community-driven Q&A** interactions, providing a platform for collaborative knowledge sharing.
- Utilized **MongoDB** for efficient data storage with **100%** accuracy
- Developed a **user-friendly** interface with intuitive navigation, resulting in a **20%** increase in user engagement and retention.
- **Tech Stack: React.js**, MongoDB, Express.js, Node.js, HTML, CSS, JavaScript

Tech Insights [Link]
- Implemented user authentication, registration, and **CRUD** operations for tech **blog posts**.
- Reduced data synchronization latency by **50%** using **Firebase**, ensuring real-time updates
- **Tech Stack**: **React.js**, HTML, CSS, **JavaScript**, Firebase

Geo-Tracker [Link]
- Developed a responsive **IP Address Tracking** web app using IP Geolocation **API** and **LeafletJS**.
- Implemented geolocation-based **problem-solving** features, allowing users to track IP addresses accurately and efficiently.
- **Tech Stack**: **React.js**, HTML, CSS, **JavaScript**

HACKATHON AND COMPETITION

VOID HACKS 4.0 BY SVVV: Addressed the challenge of Indore's daily generation of over **1,115 MT of garbage**, and developed a web application for **100%** door-to-door **waste collection.**

SCI FESTA BY PCI: Advanced to the **final** round, and delivered a compelling presentation on a platform for **distributing food** to those in need.

EDUCATION

Francis Xavier Engineering College
Tirunelveli, Tamil Nadu
B.E - Computer Science and
Engineering
2021 – Present | CGPA: **8.7**

Geetha Matric Hr.Sec
Tuticorin, Tamil Nadu
HSC - 2021
Percentage: **90.2**

CERTIFICATIONS

SQL Certification, Udemy [Link]

Proficient in **database management**, querying, and data manipulation

Data Visualization, TATA [Link]
Hands-on experience with **Tableau** and **Power BI** in transforming data into actionable insights.

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Data Structures
Analysis and Design of Algorithms
DBMS

CODING PROFILES

Leetcode: //Balaatchaya_R
GeeksforGeeks: //balaatchayar
GitHub: //Balaatchayar

RESPONSIBILITIES

Team Leader in the **Ideation Lab** (Applied Lab) at my College, I spearhead collaborative efforts among members, driving **project development**, and fostering collective growth.

INTERESTS

Technical:
Web Development • Machine Learning • User Interface Designing
Non-Technical:
Artwork • Basketball