

Bala Atchaya R

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SKILLS

LANGUAGES | Java (JSP / JDBC), C, SQL, JavaScript

WEB DEVELOPMENT | HTML, CSS, React.js, MongoDB

Node.js, Bootstrap

SOFT SKILLS | Communication, Leadership, Teamwork, and Analytical

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**.
- 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 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 Matriculation Hr. Sec. School, Tuticorin, Tamil Nadu
HSC - 2021

Percentage: **90.2**

CERTIFICATIONS

SQL Certification, Udemy [Link]

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

Linux and Shell scripting, Udemy [Link]

Acquired skills in **Linux** command-line navigation, task automation with **shell scripting**

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Design and Analysis of Algorithms
Database Management Systems

CODING PROFILES

Leetcode: [//Balaatchaya_R](https://leetcode.com/Balaatchaya_R)

GeeksforGeeks: [//balaatchayar](https://www.geeksforgeeks.org/author/balaatchayar/)

GitHub: [//Balaatchayar](https://github.com/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