


# DANAENDRARAJ R

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 <https://danaendraraj-portfolio.netlify.app/>

## Summary

Enthusiastic and motivated computer science graduate with a strong foundation in programming languages such as Java, C, and Python. Completed multiple projects during academic studies, demonstrating skills in software development, problem-solving, and collaboration. Eager to kick-start a career in software development, with a passion for learning and a dedication to delivering high-quality code. Seeking an opportunity to apply my technical knowledge and contribute to innovative projects as a software developer.

## Education

Secondary School Leaving Certificate Avvai KSR Matriculation School, Tiruchengode Score: 97.4%	Year:2016-17
Higher Secondary Certificate KSR Matric Higher Secondary School, Score: 83%	Year:2017-19
Bachelor of Engineering- CSE Jansons Institute of Technology, Coimbatore CGPA: 9.03	Year:2019-23

## Internships

### Zoho Corporation

#### Project Trainee - (5th Sep 2022 - 22nd Feb 2023)

- Developed an dynamic web application
- Implemented Jaas Authentication
- Created an Custom Export Module

### Zoho Corporation

#### Incubation Trainee - (11th Dec 2023 - 11th March 2024)

- Developed Dynamic web application
- Built web application using Java Servlets, PSQL
- Used JS Libraries like JQuery and used AJAX

## Course Certification

- Completed The Joy of computing and programming using python in NPTEL with Elite+Silver.
- Completed NPTEL Problem Solving and Programming in C with Elite+Silver.
- Completed Python programming in GUVI.
- Factana IIOT developer
- IBM Introduction to Cloud

## Publications

- Published a paper on "INDUSTRIAL FIRE DETECTION, ALERT AND MANAGEMENT SYSTEM" in International Journal of Innovative Research in Technology (IJIRT)

## Achievements

- Secured Centum in Computer Science in HSC
- Won Second place in Intra-Department Paper Presentation (Topic: Bluejacking)
- Won First place in Iterathon 2022 conducted by Iterators Club
- Secured Fourth Place in Career Quotient Test

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## Skills

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|----------------------|--------------------|------------------------|
| • Programming in C   | • CSS              | • PSQL                 |
| • Java Programming   | • Java Servlets    | • Active Listening     |
| • Python Programming | • Node-RED         | • Communication Skills |
| • HTML, JSP          | • ReactJS , Nodejs | • Time Management      |
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## Projects

### Post Office Management System

JSP | Java Servlets | PSQL

Description: Designed and developed a post office management system using JSP for server-side logic, PSQL for database management, and Java Servlets for handling HTTP requests. Implemented features for tracking parcels, managing addresses, and generating reports.

### Library Management System

JSP | Java Servlets | PSQL | AJAX | JQuery

Description: Web-based library management system developed using JSP for server-side scripting and PSQL for database management. Implemented user authentication, book management, and borrowing functionalities. Utilized JQuery for client-side interactions.

### Automated Irrigation System

IOT | C | Android Studio

Description: Implemented an automated irrigation system using Arduino microcontroller and IoT technologies. Integrated sensors to monitor soil moisture levels and control water pumps accordingly. Developed a user interface for remote monitoring and manual control.

### Industry Specific Intelligent Fire Management System

IBM Watson | Wokwi | NODE-RED | Python

Description: Developed an intelligent fire management system tailored for industrial environments using Node-RED, IBM Watson IoT Platform, and Wokwi simulation platform. Utilized Python for data analysis and decision-making algorithms.

### Industrial Fire Management System

Blynk | React JS | IOT | C++

Description: Designed and implemented a web-based industrial fire management system using ReactJS for the frontend and IoT technologies for real-time data acquisition. Integrated with Arduino-based sensors and actuators for fire detection and suppression.

Live Link: <https://industrial-fire-management-system.netlify.app/>

### Project Management and Tracking System

JSP | Java Servlets | PSQL | AJAX | JQuery

Description: Project management system developed using HTML, CSS, JSP, Java Servlets, and PSQL for database management. Implemented features for task tracking, team collaboration, and project documentation.

### Expense Tracker Application

JSP | Java Servlets | PSQL | AJAX | JQuery

Description: Efficient Expense Tracker Application leveraging PostgreSQL for robust data management and JSP for dynamic web interface, streamlining expense monitoring and financial management tasks with ease

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## Languages

- Tamil
- English

## Tools

- VS Code
- Intel IJ
- Canva

## Hobbies

- Cricket
- Volleyball
- Reading Books

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## Declaration

I solemnly declare that particulars of information and facts in the resume are complete and correct and I take full responsibility for the accuracy of the information.

**Signature**