

Kaliraj M

Aspiring Full Stack Developer | Passionate About Technology

I am a final-year Computer Science and Engineering student with a strong interest in web development. I have completed a diploma in Computer Networking and excel in team-oriented environments. Passionate about learning and contributing to innovative projects, I am eager to bring my skills and enthusiasm to the IT sector.

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EDUCATION

B.E in Computer Science

PSG Institute of Technology and Applied Research,
Coimbatore

08/2022 - Present

Diploma in Computer Networking

PSG Polytechnic College, Coimbatore

06/2019 - 07/2022

INTERSHIPS

Digital Transformation

ELGi Equipments, Coimbatore

08/2023 - 11/2023

Achievements/Tasks

- Developed a web application simulating the Neuron Controller for Air Compressors using Visual Studio Code, Microsoft Azure, HTML, CSS, and JavaScript.
- Designed interactive buttons and applied CSS to enhance user experience.
- Used SCRUM method during entire period to work.

CYBER SECURITY

Accent Techno Soft, Coimbatore

05/2021 - 06/2021

Achievements/Tasks

- Acquired knowledge on various web attacks and their mechanisms using XAMPP and WordPress.
- Conducted legal Wi-Fi network attack simulations, Simulated DOS attacks.
- Hosted websites and implemented robust security measures for web applications, Developed a secure web application using WordPress and explored DLLs in Windows.

FULL STACK DEVELOPMENT

KaaShiv InfoTech, Chennai

06/2020 - 09/2020

Achievements/Tasks

- Gained experience in front-end and back-end technologies including Visual Studio Code, HTML, CSS, JavaScript, PHP, MySQL, and XAMPP.
- Completed projects including a personal portfolio and an e-commerce application.

SKILLS

Java

C

Microsoft Azure

AWS

HTML/CSS

DevOps

CN

MySQL

MongoDB

SCRUM

Spring Boot

GitHub

Wireframing

Selenium

PROJECTS

SLACK BOT FOR EXPENSE MANAGEMENT - SAP Labs
(05/2024 - 06/2024)

- Developed an intelligent Slack bot to streamline employee expense management.
- Programmed in Python to automate expense tracking, approval workflows, and reporting.
- Integrated with MongoDB for secure data storage and Slack for real-time communication.

ALUMNI APPLICATION (02/2024 - 04/2024)

- Developed and deployed a web application on the college server to connect students, faculty, and alumni.
- Used EJS for dynamic views, NodeJS for backend, and MongoDB for data storage.

AUCTION PLATFORM - SAP Labs (01/2024 - 02/2024)

- Designed and implemented an online auction platform with Seller, Buyer, and Admin modules.
- Enhanced user experience with a responsive design using ReactJS, and secured backend operations with NodeJS and MongoDB.

EARLY FLOOD WARNING SYSTEM FOR DISASTER
MANAGEMENT (09/2021 - 06/2022)

- Led a team of 3 to develop a disaster management system for early flood detection.
- Built a web application to display live weather data, water levels, flow rates, temperature, and humidity using Embedded C, HTML, CSS, JavaScript, and Firebase.

ROLES & RESPONSIBILITIES

PROGRAM EXECUTIVE - DCN (06/2021 - 07/2022)

CULTURAL SECRETARY - HOSTEL (08/2021 - 07/2022)

JOINT PLACEMENT REPRESENTATIVE - DCN
(06/2021 - 07/2022)

AREA OF INTERESTS

Web Development

Networking

App Development