

DURGAIRAJ L

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SKILLS

FRONT-END DEVELOPEMENT

HTML & CSS - Semantic HTML , Flex & grid
Javascript - ES6 , DOM , JSON , Event

BACK-END DEVELOPEMENT

Python - OOP , DSA , pip , virtualenv
PHP - Object oriented PHP, Apache

FRAMEWORKS

React - JSX , Hooks , Routing
Django - ORM , MVC , RESTful API

DATABASE MANAGEMENT

MySQL - RDBMS , DML , DDL , Schema
MongoDB - NoSQL , query optimization

PROJECTS

Event Registration Management (Full Stack) [view project](#)

Technologies : Django , React , MongoDB , Python , JavaScript , HTML , and CSS

- Implemented a Single Page Application (SPA) with React, incorporating browser-router for seamless user experiences while utilizing Django as the API back-end to ensure high performance and scalability
- Features include secure authentication , efficient pagination , notifications , dynamic forms
- Designed an admin interface enabling event administrators to view and export details in CSV format

Responsive Image Cropper using Canvas API [view project](#)

Technologies : JavaScript , HTML , and CSS

- Optimized for seamless user interaction along with advanced event tracking techniques
- Implemented multiple image input methods, including file selection, drag and drop, and image URL support, enhancing user flexibility and download option for cropped image
- Utilized the closure technique to ensure robust code encapsulation for maintainability

Advertising Website (Full Stack) [view project](#)

Technologies : PHP , MySQL , Javascript , HTML , CSS

- Fetched advertisement details from the server in JSON format using AJAX for dynamic content
- Implemented robust security measures, including hashing user credentials before storage in the database
- Achieved image optimization by resizing and compressing images, reducing file sizes to approximately 20KB - 35KB for improved web performance

PROFESSIONAL COURSES & CERTIFICATES

- **Full-Stack Python Professional Training** in **HOPE Foundation** under **Accenture project**.
- **Python Training** in **Besant Technologies**.

SUMMARY

A problem-solving enthusiast with a deep understanding of programming, logic, and computer systems. Leveraging intuitive problem-solving skills and a self-teaching approach, I quickly adapt to new technologies and environments, making me a valuable asset in any programming venture.

EDUCATION

B.Sc. Computer Science Arignar Anna Government Arts College , Villupuram **87%** 2020 - 2023

HSC Sri Jayeandra Saraswathi Vidyalaya School , Villupuram , 605602 **85.6%** 2019 - 2020

SSLC Government Higher Secondary School , Veerapondi , 605758 **92%** 2017 - 2018