

SETHURAMAN D

Python Developer

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Avadi

EDUCATION

B.E Mechanical

Jeppiaar Engineering College

2018 - 2022 Chennai

GPA

8.05 / 10

HSC

Cholan Matric.Hr.Sec.School

2017 - 2018 kancheepuram

GPA

6.9 / 10

SSLC

Cholan Matric.Hr.Sec.School

2015 - 2016 kancheepuram

GPA

8 / 10

SKILLS

SQL Python Html CSS Javascript React Excel

Auto CAD Creo

PROJECTS

FABRICATION OF Cu₂ZnSiSe₄ THIN FILM SOLAR CELL

2021 - 2022 International Research Centre,Sathyabama Institute of Science and Technology

Physical Vapour Deposition

- The main objective of this work is to produce a cost-effective photo-voltaic cell with a good efficiency.
- Proficient in Physical Vapor Deposition (PVD), a vacuum-based technique for depositing thin films of materials onto surfaces. Experienced in both evaporation and sputtering methods, ensuring precise control over film thickness and composition. Applied skills in substrate preparation and maintaining high vacuum environments for optimal deposition quality.
- The pellets of Cadmium Sulphide (CdS) and Copper Iron Tin Selenide (CFTSe) used in thermal evaporation has been prepared by Pelletizer.

Front-end Development

2024

Recipe Book

- I built a web application project called Recipe Book, focusing on frontend development. The application allows users to browse, search, and save recipes. I utilized HTML, CSS, and JavaScript to create a responsive and user-friendly interface. I also implemented dynamic features using modern JavaScript frameworks. This project enhanced my skills in web development and design.

CERTIFICATION COURSES

Python full stack Developer

An in-depth python full stack Developer course by emexo technologies,Bangalore.Focusing on python,SQL,Html,Css,Java script and React.js.Emphasised practical data manipulation and complex queries.Applied skills through comprehensive project and real-world scenarios.

Auto CAD and Creo

I have completed courses in AutoCAD and Creo at CADD Centre. I acquired skills in creating precise 2D and 3D models. The training emphasized practical, hands-on experience. I also learned to optimize designs for efficiency and accuracy. This education has prepared me for advanced CAD design tasks.

EXPERIENCE

Internship

CAD CENTER

- AutoCAD and Creo are powerful tools widely used in the fields of engineering, architecture, and product design. During your internship at the CAD center, you are gaining valuable hands-on experience with these software applications.

LANGUAGES

Tamil

English