

Mathew Joseph

Python Developer

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Profile Summary

As a self-taught Python-Django Web Developer with a keen interest in AI, ML, and Data Science, I bring proficiency in Python, Django, HTML, CSS, Bootstrap, MySQL, and MongoDB, bolstered by a successful completion of a Django e-commerce project hosted on AWS. Through participation in the Young Innovators Program, our team secured funding, showcasing my problem-solving skills and attention to detail. Eager to secure a role in a forward-thinking company, I aim to contribute vibrant solutions to real-world challenges while continuously expanding my knowledge and skills in web development and emerging technologies, supported by strong communication, leadership, and adaptability traits.

Technical Skills

Languages: Python, C, JavaScript, HTML, CSS

Libraries & Frameworks: Django, Django REST, FAST API(Beginner), React, Redux, Bootstrap, Tailwind css

Database: MongoDB, MySQL

Tools & Platforms: Git, Github , AWS

Design & Prototyping: Figma, SOLID WORKS

Concepts: MVT Architecture, Agile Methodologies

Projects

Clam Grading and Meat Separation unit: Engineering project |

- Led the development of a unit solving real-world problems in clam meat processing.
- Our team developed a unit which can process clam in a hygienic and safe environment.
- Conducted detailed studies on current issues in clam meat processing and prepared reports.
- Iterated through design solutions consulting professionals and utilized **SOLIDWORKS** for designing the prototype.
- Conducted detailed analysis, purchased necessary raw materials, fabricated the system, and successfully tested it.

AthletHaven: An e-commerce website for Athletes | *HTML, CSS, Bootstrap , Django,Django ORM, MySQL, JWT* | [GitHub](#)

- An E-commerce website where users can purchase sports shoes.
- Implemented **JWT** for stateless authentication .
- A Simple Responsive design using **CSS** and **Bootstrap**.
- Implemented robust security measures, including form validations on both client and server sides, along with the utilization of **CSRF** tokens and **Django forms**, to ensure resilience against potential threats.
- Gained valuable experience and insights through iterative development processes.

Education

Python-Django Web Development

Prototype

2024 - Present

Trivandrum, Kerala

B.Tech in Mechanical Engineering (CGPA: 8.23)

College of engineering, Pathanapuram

2019-2023

Pathanapuram , Kerala

Higher Secondary (Biology Science)

Kristu Jyothi Higher Secondary School, Changanassery

2017 - 2019

Changanassery, Kerala

Achievements

Secured placement in the second round of the Young Innovators Program (YIP 2022), organized by KDISC (Kerala Development and Innovation Strategic Council), for developing a solution to a real-world problem. This recognition underscores the team's innovative approach and problem-solving capabilities in addressing contemporary challenges.