SYAMPRASAD SHAJI
(FullStack - Web Developer)

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PortFolio - https://port-folio-syam.vercel.app

PROFESSIONAL SUMMARY

Takes on challenging new roles, harnessing interpersonal skills, collaboration, and problem-solving. Driven to deliver high-quality service and consistent results. Energetic employee well-versed in strong communication and organisation skills. Seeks solutions to problems and applies extensive analytical knowledge to findings. Adept at multi-tasking, leading group discussions and managing projects.

PROFESSIONAL EXPERIENCE

PYTHON INTERN (FULL STACK DEVELOPMENT) - (26/08/2024 - PRESENT)

Nuvento - Transasia Cyber Park, Infopark Phase 2, Kakkanad, Kochi,

Data Integration Team: Gained hands-on experience in real-world projects using Python, supporting senior developers with data integration and automation tasks.
Full Stack Development:
- Backend: Assisted in API development using Nest.js, learning best practices and contributing to team goals.
- Frontend: Actively participated in React-based frontend development, contributing to feature implementations and enhancing project outcomes.

PYTHON, DJANGO - FULL STACK WEB DEVELOPER INTERN | **16/10/2023 - 18/04/2024**

Luminar Technohub Kakkand , Kochi, Kerala
Developed and implemented architectures for web applications. Improved web development plans to achieve client requirements within assigned timeframes. Increased user experience scores by practicing innovative forward-thinking and overcoming challenges creatively.

SKILLS

Programming Languages

Python (Proficient)

Front-end Technologies

Created custom websites by harnessing HTML5, CSS3, JavaScript, and Bootstrap5 and also proficient in React.

Back-end Technologies
Developed and implemented architectures for web applications using DJANGO,
Developed and tested REST APIs.

Database Management Software
Relational database management and have basic knowledge in Mongodb.

Containerization and Virtualization

Proficient in creating and managing Docker containers.

Version Control

Git: Version control with Git (branching, merging, conflict resolution).
GitHub: Project hosting and collaboration on GitHub (pull requests, issues, code review).

Development Tools
VS Code: "Used VS Code for writing code for complex functionalities, debugging, and code optimization."
PyCharm: "Proficient in PyCharm's code completion, virtual environment management, and other features."

NON-TECHNICAL SKILLS

Exceptional time management Strong Analytical and Problem Solving Critical Thinking and Decision Making

PROJECTS
Banking API (Django REST Framework)

- Developed a secure and feature-rich banking API using the Django REST Framework
- Account Registration: Secure account creation with email verification and MPIN setup.
- User Authentication: JWT-based authentication with token customization for enhanced security.
- Account Management: View account details, balance, location, and IFSC code.
- Money Transfer: Transfer funds between accounts within the same bank (debit sender, credit receiver). Facilitate various payments (e.g., recharges) with balance deductions.
- Transaction History: Track all transaction details (sender, receiver, amount, timestamp).

E-Commerce Website (Django)
- Developed a functional e-commerce website using Django.
- Implemented user authentication, product catalog, payment gateway, social authentication and shopping cart functionality

Gym Management Application (Django, HTML/CSS/JS, Bootstrap)
- Developed a web-based gym management application for streamlined operations.
- User Roles (Admin, Student, Trainer) with permission-based access.
- Real-time chat functionality using Django Channels, Redis, and Daphne server.
- Membership Management - payment processing via Razorpay, student profiles, trainer assignments, and Social authentication for faster signup.

Online Store Inventory Management System - Api (Django Rest Framework)
- Product Management: Developed RESTful APIs for creating and managing products with variants.
- Logging & Error Handling: Implemented robust logging and error management for reliable API performance.
- Performance Optimization: Improved database queries and pagination for large datasets.

Fog Detection (Django and ML)
- Developed a robust system capable of calculating the fog percentage with uploaded videos.
- I worked closely with a dedicated machine-learning team to fine-tune and optimize fog detection algorithms.

EDUCATION

- Bachelor of Science in Physics
  Unions Christian College -Aluva, Kerala - 07/2018 - 03/2023

- Govt Boys Higher Secondary -Aluva, Kerala
  Computer Science, - 06/2014 - 03/2016

COURSES

- Python,Django-Angular FullStack web development 03/2023–09/2023
  Luminar Technolab (Software Training Institute) - Kochi, Kerala

INTERESTS

- Travel Enthusiast: ITravel Enthusiast: seeking to explore new places, diverse cultures, and adapt to new environments to broaden horizons and develop a global perspective.
- Volunteerism: Volunteering with the National Service Scheme has taught me the importance of teamwork, empathy, and social responsibility, enabling me to contribute to community development initiatives. github.com/syam2400

CERTIFICATIONS

- National Council for Technology and Training Certificate (NACTET) NACTET Certificate in Python, Django full-stack web development