

# SYAMPRASAD SHAJI

## ( Python developer )

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

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### 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, 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. Established project milestones and ensured all team members were well-prepared to meet deadlines. 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 skills.
- **Back-end Technologies**  
Developed and implemented architectures for web applications using DJANGO,  
Developed and tested REST APIs.
- **Database Management Software**  
Relational database management (SQLite, MYSQL, PostgreSQL)
- **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.

### Smart Meter Forecasting (Django and ML)

- The primary goal was to predict the next month's bill based on the details of the previous month's bills uploaded by the users
- Collaborated with the machine learning team to integrate advanced forecasting models into the application.
- Implemented a user-friendly interface allowing customers to easily upload their previous month's bill details.

### 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](https://github.com/syam2400)

## CERTIFICATIONS

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